TERMINAL BLOCKS

PRODUCT CATALOGUE | 2014-15

connectwell

THE RIGHT CONNECTION

INDEX

COMPANY INTRODUCTION

Established in 1978, Connectwell is the leading manufacturer of Terminal Blocks in India. This superior range of Terminal Blocks is complimented by a large range of Interface Modules, Professional Tools and Switching Power Supplies.

Connectwell over the years has undergone constant evolution of infrastructure, systems and personnel. This evolution is exemplified by its high quality products and a team of personnel which is always looking ahead of everyday challenges, willing to change adapt and create.

Reputed product approvals and certifications like UL, CSA, VDE, ATEX and CE and quality systems which adhere to ISO 9001:2008 verify the quality level that can be expected of Connectwell.

More than three decades of incessant dedication and commitment have made Connectwell a synonym for

. . . THE RIGHT CONNECTION.

INFRASTRUCTURE

From product conceptualization to realization, we are well equipped with the latest software and high precision machinery to meet the requirements of our customers. Some of these strengths are listed below:

Injection and Compression Moulding
Highly automated production floors with CNC moulding machines supported by high accuracy moulding auxiliaries ensures repeatable high quality production.

Sheet Metal Processing
Our state of the art sheet metal processing shop floor carries a variety of machines like:
- Multi-Station Forming Machines
- Multi-Slide Radial Presses
- Conventional Presses
- Auxiliaries which enable us to carry out secondary processes like tapping, welding etc.

Automated Assembly
Assembly of some of our core products is now fully automated with the help of highly accurate SPMs. We foresee that in the years to come most of our products will be automatically assembled on such machines.

VISION & MISSION

Connectwell is committed to provide safe, reliable and efficient control & connection solutions in line with ever changing technology requirements. We shall...

Empower domestic and global customers with products of the highest quality standards, with a competitive edge and at superior service levels.

Create a work culture that encourages individual growth, team spirit and creativity; helping us overcome challenges and attain goals.

Deploy fair & ethical business practices for the growth of our vendors and maximize returns to our stakeholders.

Contribute towards the welfare of our community and follow environment friendly practices.

Electronics Assembly
A production shop for soldering and assembly of electronic products and their testing ensures that we are able to manufacture these products under stringent quality norms.

Product & Tool Design
Our Design Centre is fully equipped with hardware and software tools which enable us to implement product lifecycle management processes from conceptualization to manufacturing of products.

Tool Manufacturing
Connectwell has a captive tool room equipped with an experienced team of tooling engineers, conventional tool manufacturing machines, high accuracy CNC machines and high accuracy measuring equipment.
This setup enables us to :

- Maintain a low down time of production tools and equipment
- Ensure rapid build-up of tools for new products
- Ensure rapid modifications to products if and when needed.

QUALITY & SYSTEMS

At Connectwell quality is of utmost importance. It has been our constant endeavor to improve the quality of our processes and products.

Our quality system has evolved from its original ISO 9001:1994 Standard to the most recent ISO 9001:2008 Certification. All business processes at Connectwell are integrated in SAP R/3 ERP system.

Our quality control laboratory has been approved for 'Witness Test Data Program' by Underwriters Laboratories (UL) & for 'Witnessed Manufacturer's Testing Program' under IECEE CB SCHEME based on the ISO/IEC 17025:2005. This substantiates the quality of testing carried out on our products.

Our laboratory is equipped with state of the art critical test instruments like environmental chambers, salt spray machines, Impulse Test setups, Needle flame test setups, Short time high current injection setups etc. ensuring adherence to standards during product testing.

Connectwell products are designed developed & manufactured as per international standards such as UL, CSA, IEC, ATEX, VDE and hence undergo various Electrical, Mechanical, Chemical and Environmental tests required by the respective product standards. All terminal blocks undergo total 29 different test during its validation process with reference to IEC 60947-1, IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3, IEC 60079-0, IEC 60079-7, IEC 60079 -11, UL 1059, UL486E, CSA 22.2 No.158, VDE 0611-part 1.

More than three decades of dedication and pursuit of high quality standards ensures that Connectwell delivers nothing but quality products time and again.

TEAM CONNECTWELL

Team Connectwell comprises of a blend of experienced and young personnel. This perfect blend is what provides us the stability and energy to look ahead of every day challenges, to constantly evolve and create.

To keep change as a constant across the organization, our rugged core team is frequently appended with bright talent. Our HR processes ensure special attention to training for personnel across all levels. Our team constantly enhances itself though training sessions on subjects as varied as systems, soft skills, product knowledge etc. Our in house training centre is frequently used by external and internal trainers to carry out such training sessions.

PRESENCE & REACH

We serve our customers through an expansive dealer network spread across India & the globe and also through our direct offices.

In India, we have more than 80 distributors located across all major towns & cities. In addition to our distributor network, our Sales & Marketing personnel located in all major cities of India interact with customers directly, to understand and meet their requirements.

Internationally, Connectwell is present directly in China and Brazil through its subsidiaries. In addition we reach 52 other countries through distributors.

Come Meet Us:

We at Connectwell endeavor to stay in touch with our customers around the year through events like exhibitions, seminars and training sessions. We also carry out training sessions in customer's location as needed. If you would like to understand more about us, feel free to write to us at **connect@connectwell.com** or log on to **www.connectwell.com**

CERTIFICATIONS & APPROVALS

connectwell

is an ISO 9001:2008 Company with products and systems approved by various credible third party organizations

Cert. No.: 44 100 990789/01-E3

TUV NORD

VDE Testing & Certification Institute

Underwriters Laboratories Inc

Canadian Standards Association

Installation instruction refer page 175-178

(IECEE) CB Scheme

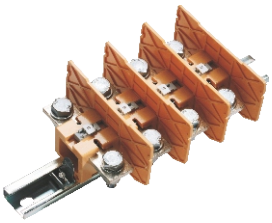
(IECEE) CE Scheme

STQC Certification Services

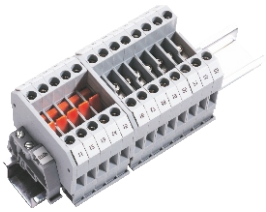
Lloyds Register

FACTORY ASSEMBLED TERMINAL BLOCKS

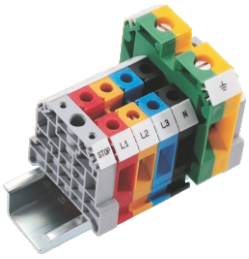
Assembly for Power Circuit in Process Control application >



Test and calibration assembly for Current Transformer (CT) application >

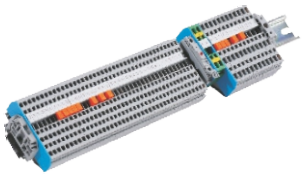


Power Terminal Block assembly for Vertical Machining Center >



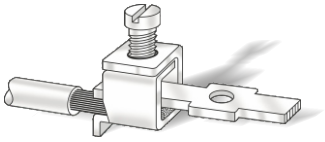
Control assembly for Fire Alarm systems >

Control Terminal Block assembly for Textile machines >



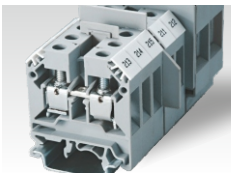
Assembly for Control Circuit in Injection Moulding machines >

SCREW CLAMP TERMINAL BLOCKS



Standard Feed Through Terminal Blocks

Current : up to 269 A
Wire Size : 0.2 - 120 mm^2
Mounting : DIN 32 / 35 / 35-15



15-20

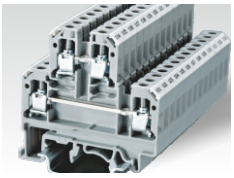
Multiple Connection Terminal Blocks

Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15

21-22

Double Level Terminal Blocks

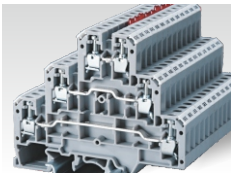
Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15



23-26

Triple Level Terminal Blocks

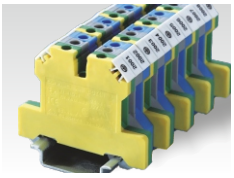
Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : DIN 32 / 35 / 35-15



27-30

Ground / Earth Terminal Blocks

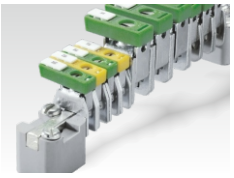
Current : up to 125 A
Wire Size : 0.2 - 35 mm^2
Mounting : DIN 32 / 35 / DIN 35-15 / DIN 15



31-36

Neutral / Earth Clamps

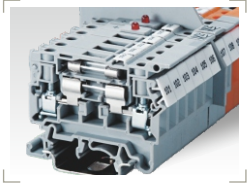
Current : up to 140 A
Wire Size : 0.2 - 35 mm^2
Mounting : Panel / Base / DIN 35 / 35-15



37-38

Single Level Fuse Terminal Blocks

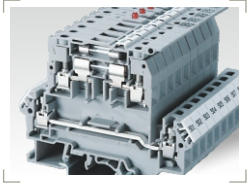
Current : up to 16 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15



39-42

Double Level Fuse Terminal Blocks

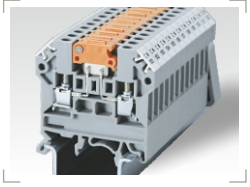
Current : up to 6.3 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15



43-44

Disconnect & Test Terminal Blocks

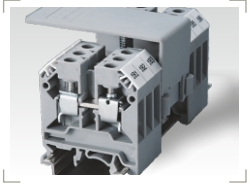
Current : up to 41 A
Wire Size : 0.2 - 6 mm^2
Mounting : DIN 32 / 35 / 35-15



45-54

Distribution Blocks

Current : up to 101 A
Wire Size : 0.2 - 25 mm^2
Mounting : DIN 32 / 35 / 35-15



55-58

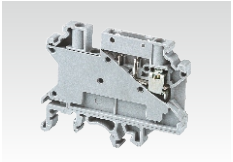
Compact Distribution Blocks

Current : up to 125 A
Wire Size : 2.5 - 35 mm^2
Mounting : DIN 35 / 35-15 / Panel

59-61

Component Carrier Terminal Blocks

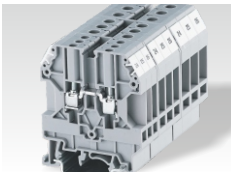
Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15



62

High Voltage Terminal Blocks

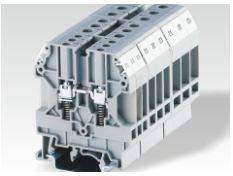
Current : up to 57 A
Wire Size : 0.2 - 10 mm^2
Mounting : DIN 32 / 35 / 35-15



63-64

Spring Loaded Terminal Blocks

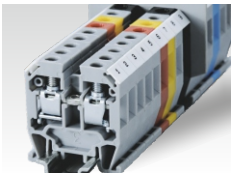
Current : up to 57 A
Wire Size : 0.2 - 10 mm^2
Mounting : DIN 32 / 35 / 35-15



65-68

Micro Terminal Blocks

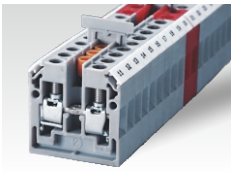
Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 15



69

Panel Mount Terminal Block

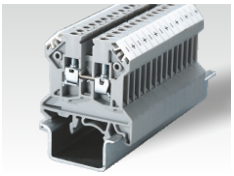
Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : Panel / Base



70

Thermocouple Terminal Blocks

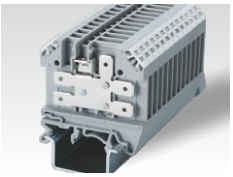
Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : DIN 32 / 35 / 35-15



71

Tab Connection Terminal Blocks

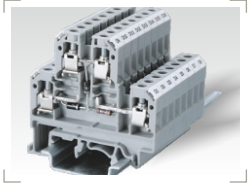
Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15



72

Terminal Blocks with Electronic Components

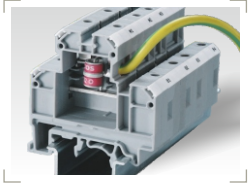
Current : up to 25 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15



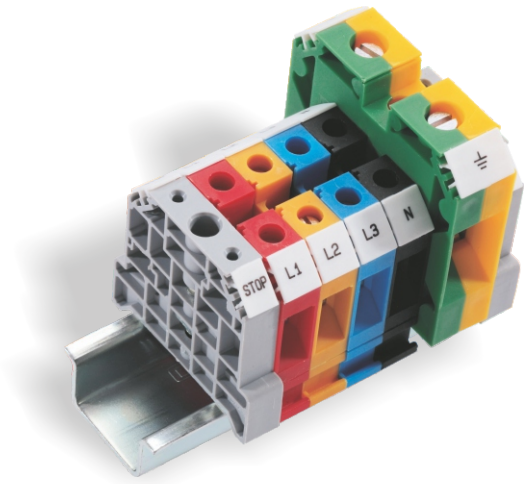
73-79

Surge Supression Terminal Blocks

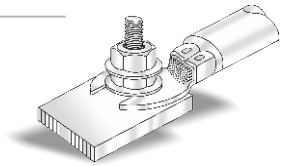
Current : up to 20 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 32 / 35 / 35-15

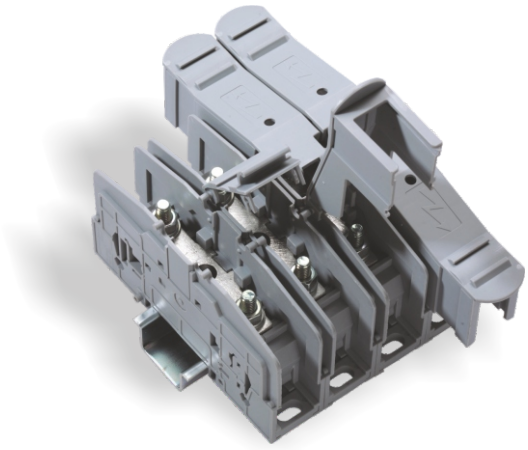


80-82



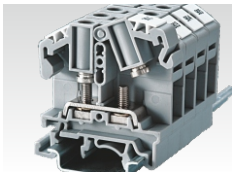
STUD TYPE TERMINAL BLOCKS





Feed Through Terminal Blocks

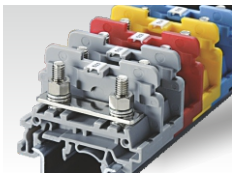
Current : up to 41 A
Wire Size : 0.5 - 6 mm^2
Mounting : DIN 32 / 35 / 35-15



85-86

Feed Through Terminal Blocks

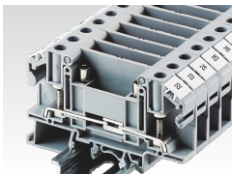
Current : up to 125 A
Wire Size : 1.5 - 35 mm^2
Mounting : DIN 32 / 35 / 35-15



87-91

Disconnect & Test Type Terminal Blocks

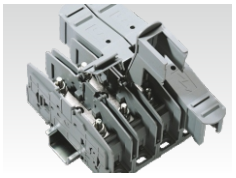
Current : up to 41 A
Wire Size : 0.5 - 6 mm^2
Mounting : DIN 32 / 35 / 35-15



92-98

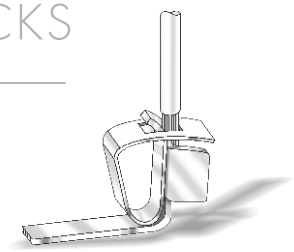
Power Terminal Blocks

Current : up to 232 A
Wire Size : 1.5 - 95 mm^2
Mounting : DIN 35 / 35-15 / Panel



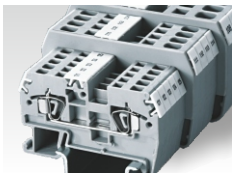
99-104

SPRING CLAMP TERMINAL BLOCKS



Feed Through Terminal Blocks

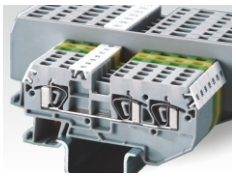
Current : up to 76 A
Wire Size : 0.2 - 16 mm^2
Mounting : DIN 35 / 35-15



107-109

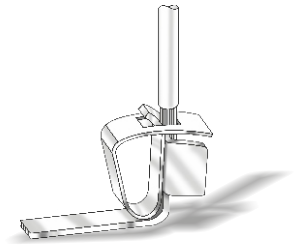
Multiple Connection Terminal Blocks

Current : up to 41 A
Wire Size : 0.2 - 6 mm^2
Mounting : DIN 35 / 35-15



110-112

SPRING CLAMP TERMINAL BLOCKS



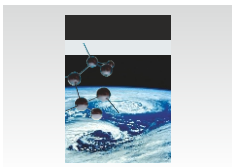
Ground / Earth Terminal Blocks

Current : up to 76 A
Wire Size : 0.2 - 16 mm^2
Mounting : DIN 35 / 35-15

113-115

RoHS & REACH Compliance

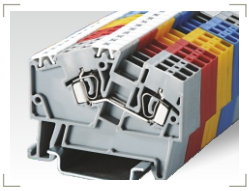
Restriction of
Hazardous Substances



116

Angular Feed Through Terminal Blocks

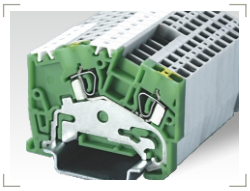
Current : up to 41 A
Wire Size : 0.2 - 6 mm^2
Mounting : DIN 35 / 35-15



117-120

Angular Ground / Earth Terminal Blocks

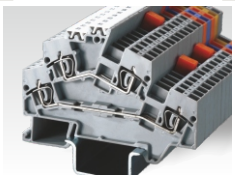
Current : up to 41 A
Wire Size : 0.2 - 6 mm^2
Mounting : DIN 35 / 35-15



121-124

Double Level Terminal Blocks

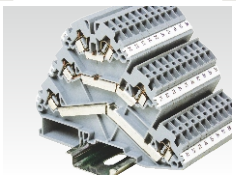
Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : DIN 35 / 35-15



125-126

Triple Level Terminal Blocks

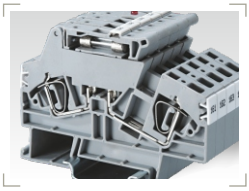
Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : DIN 35 / 35-15



127-128

Fuse Terminal Blocks

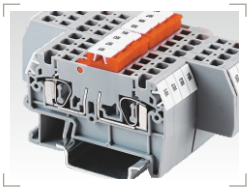
Current : up to 6.3 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 35 / 35-15



129-130

Disconnect & Test Terminal Blocks

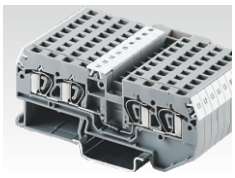
Current : up to 16 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : DIN 35 / 35-15



131-132

Terminal Blocks with Electronic Components

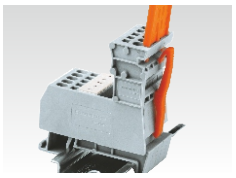
Current : up to 32 A
Wire Size : 0.2 - 4 mm^2
Mounting : DIN 35 / 35-15



133-134

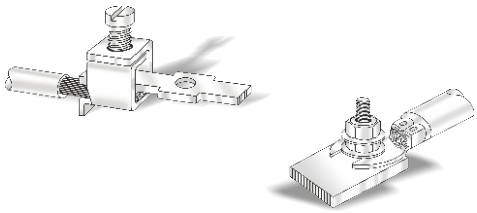
Pluggable Terminal Blocks

Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : DIN 35 / 35-15



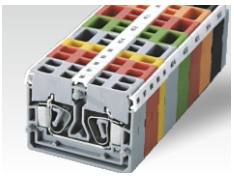
135-136

MELAMINE TERMINAL BLOCKS



Panel Mount Terminal Blocks

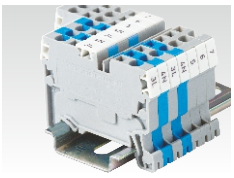
Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : Panel / Base



137-140

'CX' Series Terminal Blocks

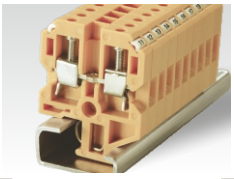
Current : up to 41 A
Wire Size : 0.2 - 6.0 mm^2
Mounting : DIN 35 / 35-15



141-162

Standard Feed Through Terminal Blocks

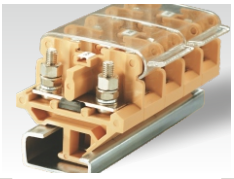
Current : up to 125 A
Wire Size : 0.2 - 35 mm^2
Mounting : DIN 32



165-167

Stud Type Terminal Blocks

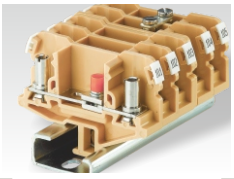
Current : up to 125 A
Wire Size : 0.2 - 35 mm^2
Mounting : DIN 32



168-172

Disconnect & Test Terminal Blocks

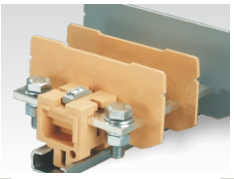
Current : up to 41 A
Wire Size : 1.5 - 6 mm^2
Mounting : Din 32



173-174

Bus Bar Type Terminal Blocks

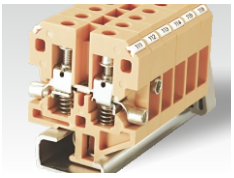
Current : up to 232 A
Wire Size : 16 - 95 mm^2
Mounting : DIN 32



175-176

Spring Loaded Terminal Blocks

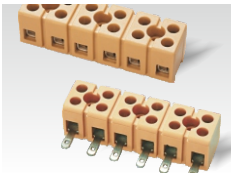
Current : up to 57 A
Wire Size : 0.2 - 10 mm^2
Mounting : DIN 32



177-178

Multiway Strip Terminal Blocks

Current : up to 24 A
Wire Size : 0.2 - 2.5 mm^2
Mounting : Panel / Base



179-180

CERAMIC TERMINAL BLOCKS

Ceramic Terminal Blocks

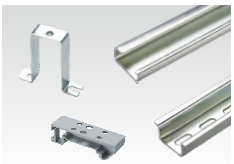
Current : up to 57 A
Wire Size : 0.5 - 10 mm^2
Mounting : Panel / Base

181-182

ACCESSORIES

Mounting Accessories

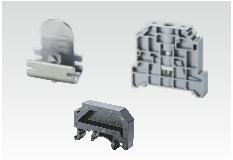
DIN Rails / Channels
Mounting Base
Mounting Handle
Mounting Bracket



184-185

End Clamps

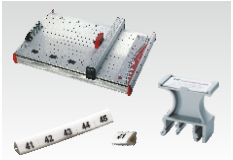
For DIN 15, DIN 32,
DIN 35, DIN 35-15
Spacers



185

Marker & Marker Plotter

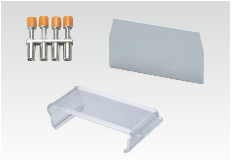
Group / Individual Marking
Marker Plotters
Engraving System



186-189

Shorting Accessories

Shorting Links, End, Partition & Separator Plates, Protective Cover, Side Holding Plates



190-198

SWITCHES & SOCKETS

DIN Rail Mounted Sockets & Switches

Current : up to 16 A
Wire Size : 0.5 - 2.5 sq.mm.
Mounting : DIN 35 / 35-15

199-200

TOOLS

Professional Tools

201-204

TECHNICAL INFORMATION

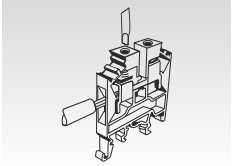
ATEX

ATEX Approved
Terminal Blocks

205-208

Technical Reference

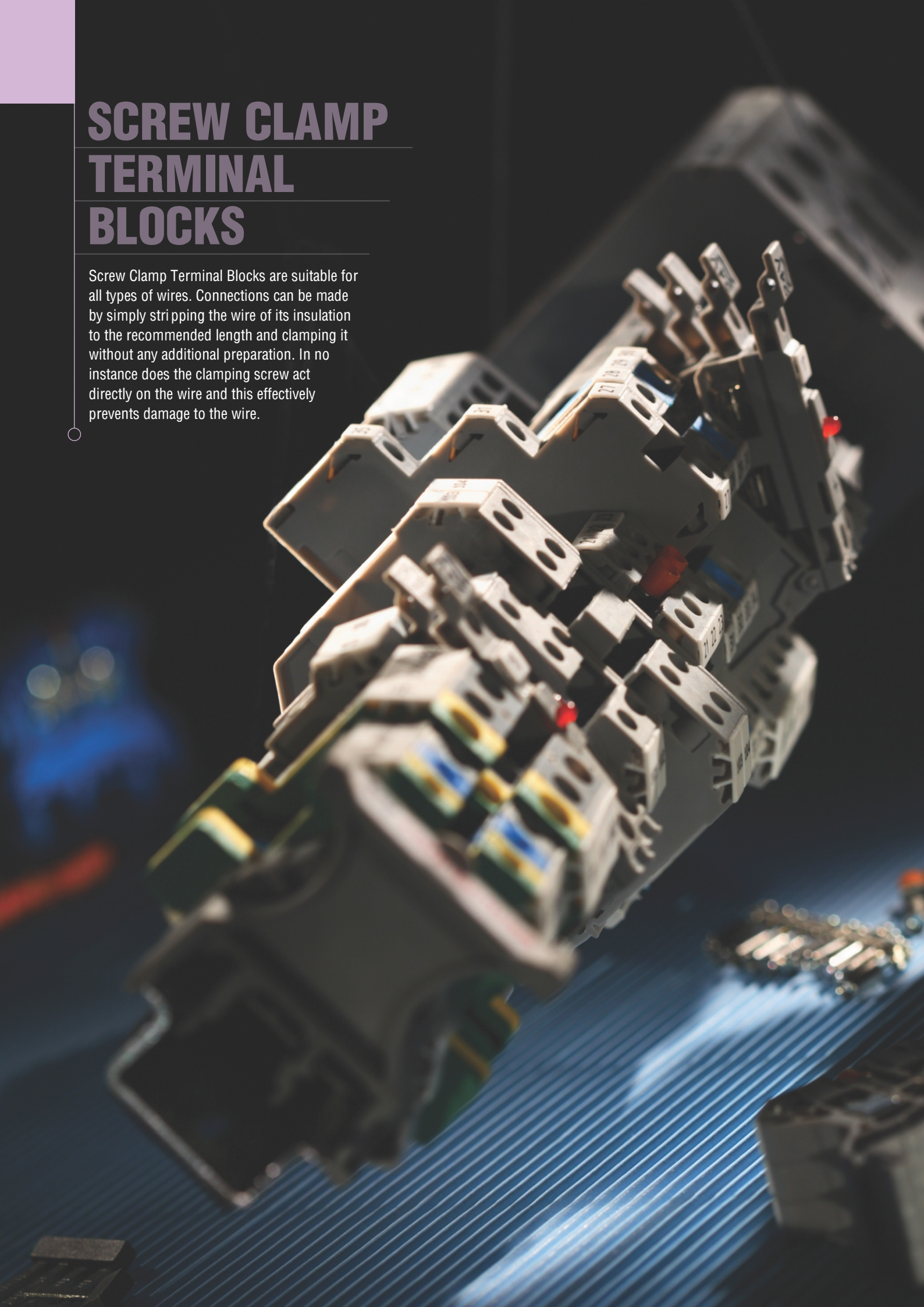
Technical information
about connection technology,
materials etc.

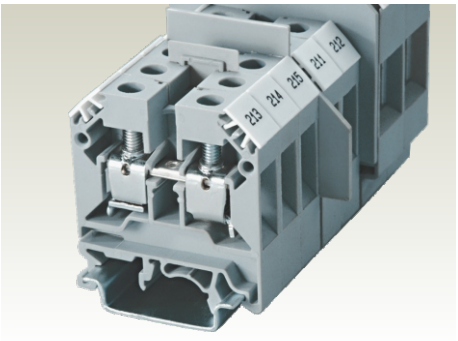


209-215

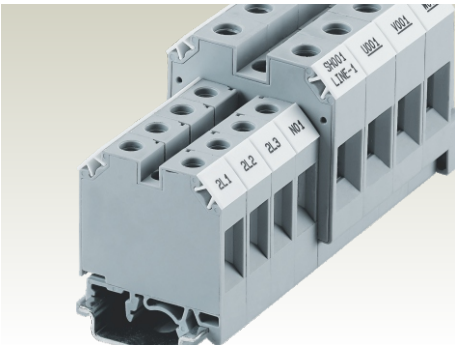
SCREW CLAMP TERMINAL BLOCKS

Screw Clamp Terminal Blocks are suitable for all types of wires. Connections can be made by simply stripping the wire of its insulation to the recommended length and clamping it without any additional preparation. In no instance does the clamping screw act directly on the wire and this effectively prevents damage to the wire.

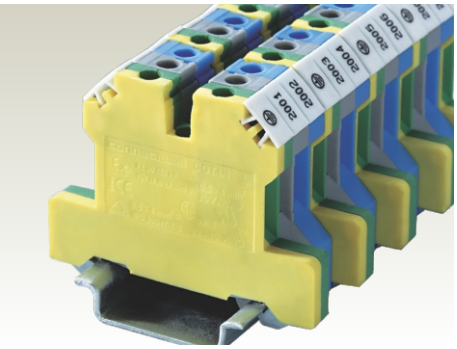




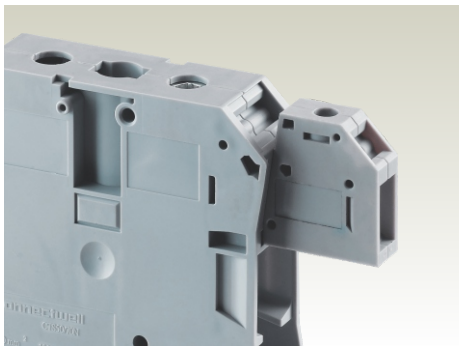
A high torque clamping system on the Screw Clamp Terminal Blocks ensures safe, gas tight connections. While cold forged, rolled threaded screws ensure highly reliable connections.



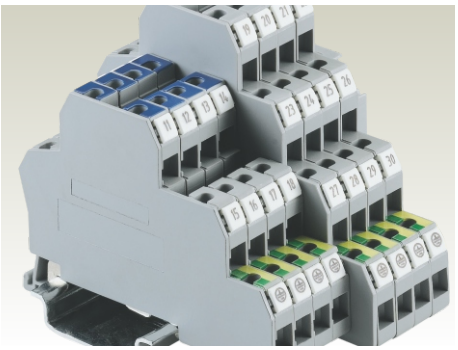
The end plate forms an integral part of all Terminal Blocks for 16 mm^2 wires and above, their by completely closing the Terminal Blocks. This ensures safe isolation for power connections.



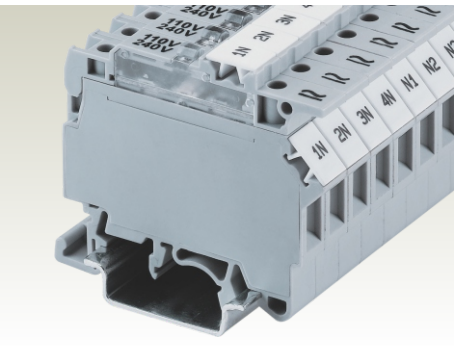
Same profile grounding terminals are clearly identified with a green-yellow housing. Their shape and thickness is identical to the Feed Through Terminal Blocks.



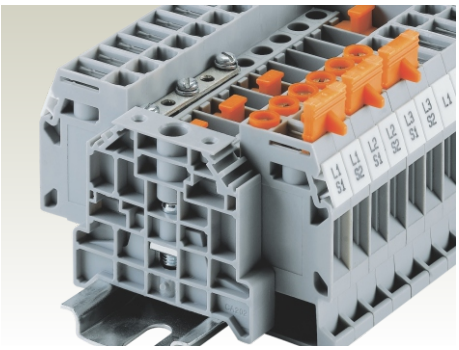
In high current Terminal Blocks, an additional auxillary terminal can be connected. This enables an additional connection of upto 6 mm^2 wires.



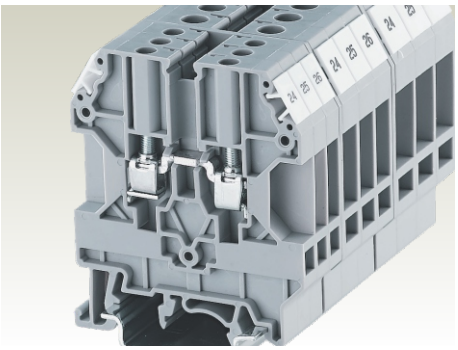
Two level plus ground and Three level plus ground terminals facilitate single & three phase connections. These Terminal Blocks are an ideal choice for space saving applications.



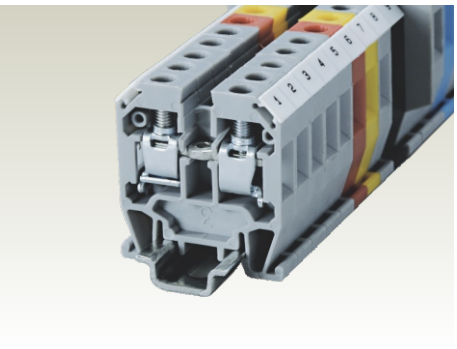
Universal voltage rating of 6 - 60V & 110 - 240V is available on Fuse Terminal Blocks with offline indication. Both AC & DC circuits can be connected without any polarisation requirement.



CDS6U Terminal Block system is a versatile wire connection method for current transformer and power meters. A wide range of accessories eases the testing of connected instruments.



The CHV series High Voltage Terminal Blocks are suitable for upto 1000V DC applications required in the solar industry. The specially designed creepage and clearance distances help achieve the high voltage specifications.



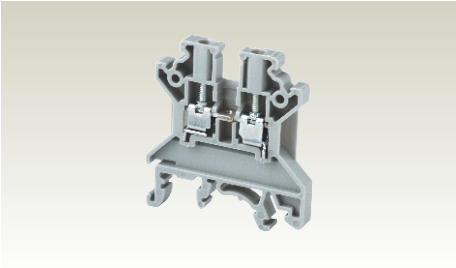
Ideal for applications with limited space, these miniature blocks can be mounted on a special DIN15 rail.

STANDARD FEED THROUGH TERMINAL BLOCKS

These Feed Through Terminal Blocks are the most versatile terminals for Control, Automation, Instrumentation and Power Distribution applications. A specially designed flexible foot enables easy mounting and dismounting from the DIN rail with the help of a screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

CTS2.5UN



Width (Thickness) x Length		5 x 43 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.2 mm / 53.7 mm / 51.1 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm²	22 - 12 AWG	
	Solid	0.2 - 4.0 mm²	22 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm²	22 - 12 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm²	22 - 16 AWG	
	with TWIN Ferrule / Lug	0.2 - 1.5 mm²	22 - 16 AWG	
Wire Stripping Length		8 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		1000 V	600 V	600 V	690 V
Current		24 A	25 A	25 A	21 A
Torque		0.4 Nm	7 lb-in	7 lb-in	0.4 Nm
Approvals		IECEE CE cULus cSPus VDE Ex IECEx AEx Lloyds Register			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		CTS2.5UN		100
End Plate		EP2.5/4UN		50
Partition Plate		PP2.5/4UN		50
Separator Plate		SP2.5/4UN		100
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Pre Assembled Shorting Links	2 pole	CA721/2	Imax.: 24 A	100
	3 pole	CA721/3	24 A	100
	4 pole	CA721/4	24 A	100
	10 pole	CA721/10	24 A	10
	100 pole	CA721/100	24 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA741/2	Imax.: 24 A	100
	3 pole	CA741/3	24 A	100
	4 pole	CA741/4	24 A	100
	10 pole	CA741/10	24 A	10
	100 pole	CA741/100	24 A	10
Permanent Shorting Links	2 pole	CA703/01	Imax.: 24 A	100
	3 pole	CA704/01	24 A	100
	4 pole	CA705/01	24 A	100
	10 pole	CA731/10	24 A	100
	10 pole (Breakable)			
	100 pole	CA731/100	24 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Switchable Shorting Links		CA706/01	Imax.: 24 A	100
Long Sleeve & Screw for Switchable Shorting Links		CA707/L/Q/01		100
Insulated External Shorting Links	2 pole	CA717/2	Imax.: 24 A	100
	3 pole	CA717/3	24 A	100
	4 pole	CA717/4	24 A	100
	10 pole	CA717/10	24 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K5		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3.0 mm	10

COLOUR BLOCKS

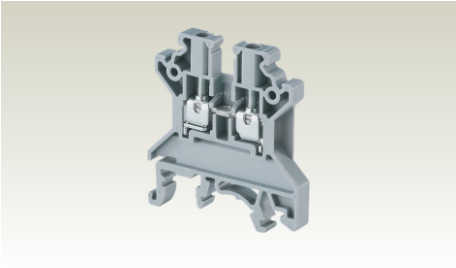
(other than **grey** standard)

When ordering please add colour suffix to Cat. No.

Example: CTS2.5UNR

Colour	Ordering Suffix
Blue	BU
Black	BK
Orange	O
Red	R
Green	GN
Yellow	Y
White	W
Beige	BG

CTS2.5UE



6 x 43 mm	
46.2 mm / 53.7 mm / 51.1 mm	
IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
8 mm	

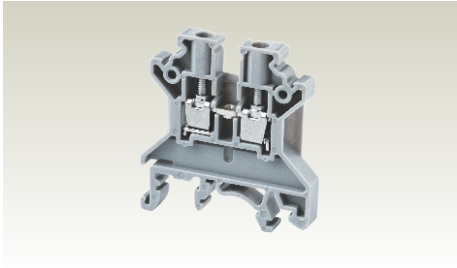
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	690 V
30 A	30 A	30 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.4 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CTS2.5UE			100
EP2.5/4UN			50
PP2.5/4UN			50
SP2.5/4UN			100
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA706/1	Imax.:	32 A	100
CA707/L/Q/01			100
CA713/2	Imax.:	32 A	100
CA713/3		32 A	100
CA713/4		32 A	100
CA713/10		32 A	20
CA707/TS/01			100
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CTS4UN



6 x 43 mm	
46.2 mm / 53.7 mm / 51.1 mm	
IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
8 mm	

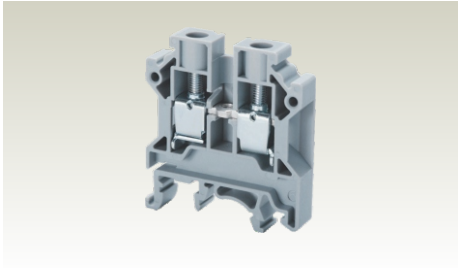
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	690 V
32 A	40 A*	40 A*	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CTS4UN			100
EP2.5/4UN			50
PP2.5/4UN			50
SP2.5/4UN			100
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA706/1	Imax.:	32 A	100
CA707/L/Q/01			100
CA713/2	Imax.:	32 A	100
CA713/3		32 A	100
CA713/4		32 A	100
CA713/10		32 A	20
CA707/TS/01			100
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CTS6U



8 x 43 mm	
47.8 mm / 55.5 mm / 52.8 mm	
IEC	UL - CSA
0.5 - 6.0 mm^2	22 - 8 AWG
0.5 - 6.0 mm^2	
0.5 - 6.0 mm^2	22 - 8 AWG
0.5 - 4.0 mm^2	22 - 10 AWG
0.5 - 4.0 mm^2	22 - 10 AWG
9 mm	

IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	690 V
41 A	50 A	50 A	36 A
0.8 Nm	14 lb-in	14 lb-in	0.8 Nm

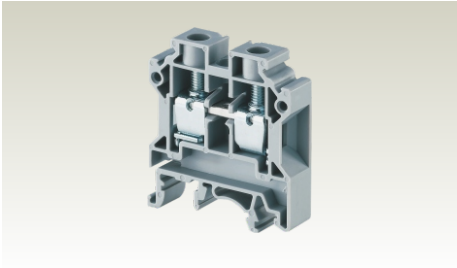
Polyamide 66 / 1

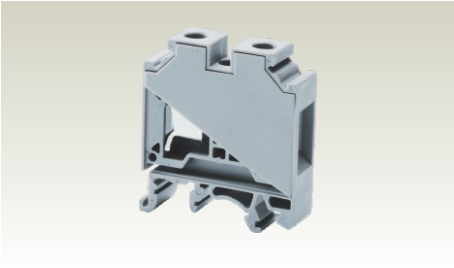
8 KV / 3

Type / Cat. No.			Standard Pack
CTS6U			100
EP6/10U			50
PP6/10U			50
SP6/10U			100
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA723/2	Imax.:	41 A	100
CA723/3		41 A	50
CA723/4		41 A	50
CA723/10		41 A	10
CA743/2	Imax.:	41 A	100
CA743/3		41 A	50
CA743/4		41 A	50
CA743/10		41 A	10
CA703/2	Imax.:	41 A	100
CA704/2		41 A	100
CA705/2		41 A	100
CA733/10		41 A	100
CA707/S/Q/1			100
CA706/2	Imax.:	41 A	100
CA707/L/Q/1			100
CA710/2	Imax.:	41 A	100
CA710/3		41 A	100
CA710/4		41 A	100
CA710/10		41 A	20
CA707/TS/05			100
CA509/K8			100
SCS0.8/4	Blade size: 0.8 x 4 mm		10

* 40 Amp with two 12 AWG wires & 35 Amp with one 10 AWG wire

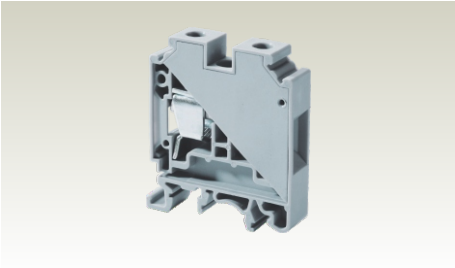
STANDARD FEED THROUGH TERMINAL BLOCKS





		CTS10U				CTS16U			
Width (Thickness) x Length		10 x 43 mm				12 x 43 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		47.8 mm / 55.5 mm / 52.8 mm				47.8 mm / 55.5 mm / 52.8 mm			
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.5 - 10.0 mm^2		16 - 6 AWG		0.2 - 16.0 mm^2		20 - 4 AWG	
	Solid	0.5 - 16.0 mm^2							
	with Ferrule / Lug	0.5 - 10.0 mm^2		16 - 6 AWG		0.2 - 16.0 mm^2		20 - 4 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 6.0 mm^2		16 - 10 AWG		0.2 - 10.0 mm^2		20 - 8 AWG	
	with TWIN Ferrule / Lug	0.5 - 6.0 mm^2		16 - 10 AWG		0.2 - 10.0 mm^2		20 - 8 AWG	
Wire Stripping Length		11 mm				12 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		1000 V	600 V	600 V	690 V	1000 V	600 V	600 V	690 V
Current		57 A	65 A	65 A	50 A	76 A	85 A	70 A	66 A
Torque		1.2 Nm	14 lb-in	14 lb-in	1.2 Nm	1.2 Nm	14 lb-in	14 lb-in	2.0 Nm
Approvals		AEx				AEx			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3				8 KV / 3			
		Type / Cat. No.			Standard Pack	Type / Cat. No.			Standard Pack
Terminal Block		CTS10U			100	CTS16U			50
End Plate		EP6/10U			50				
Partition Plate		PP6/10U			50				
Separator Plate		SP6/10U			100	SP6/10U			100
Mounting Rail (Refer Pg. 184 for details)		CA701			50 m	CA701			50 m
		CA701-15			50 m	CA701-15			50 m
		CA501			50 m	CA501			50 m
End Clamp (Refer Pg. 185 for details)		CA702			50	CA702			50
		CA802			50	CA802			50
Pre Assembled Shorting Links	2 pole	CA724/2	Imax.:	57 A	100	CA751/2	Imax.:	76 A	100
	3 pole	CA724/3		57 A	50	CA751/3		76 A	50
	4 pole	CA724/4		57 A	50	CA751/4		76 A	50
	10 pole	CA724/10		57 A	10	CA751/10		76 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA744/2	Imax.:	57 A	100	CA761/2	Imax.:	76 A	100
	3 pole	CA744/3		57 A	50	CA761/3		76 A	50
	4 pole	CA744/4		57 A	50	CA761/4		76 A	50
	10 pole	CA744/10		57 A	10	CA761/10		76 A	10
Permanent Shorting Links	2 pole	CA703/3	Imax.:	57 A	100	CA703/8	Imax.:	76 A	100
	3 pole	CA704/3		57 A	100	CA704/8		76 A	100
	4 pole	CA705/3		57 A	100	CA705/8		76 A	100
	10 pole	CA734/10		57 A	100	CA739/10		76 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/1			100	CA707/S/Q/1			100
Switchable Shorting Links		CA706/3	Imax.:	57 A	100				
Long Sleeve & Screw for Switchable Shorting Links		CA707/L/Q/1			100				
Insulated External Shorting Links	2 pole	CA718/2	Imax.:	57 A	100				
	3 pole	CA718/3		57 A	50				
	4 pole	CA718/4		57 A	50				
	10 pole	CA718/10		57 A	20				
Test Socket		CA707/TS/05			100	CA707/TS/05			100
Marking Tags (Refer Pg. 187 for details)		CA509/K10			100	CA509/K12			100
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm		10	SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10

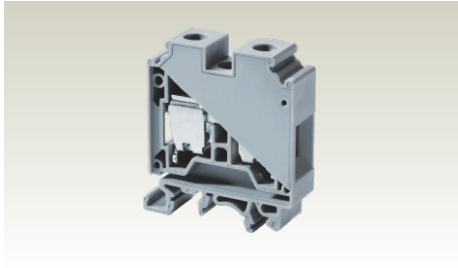
CTS25UN



12 x 49 mm			
57.2 mm / 64.7 mm / 62.3 mm			
IEC		UL - CSA	
4.0 - 25.0 mm²		12 - 4 AWG	
4.0 - 25.0 mm²		12 - 4 AWG	
4.0 - 16 mm²		12 - 6 AWG	
4.0 - 10 mm²		12 - 8 AWG	
14 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	690 V
101 A	85 A	85 A	88 A
2.0 Nm	18 lb-in	18 lb-in	2.0 Nm
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS25UN		50
PP25UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA725/2	Imax.: 101 A	50
CA725/3	101 A	20
CA725/4	101 A	20
CA725/10	101 A	10
CA745/2	Imax.: 101 A	50
CA745/3	101 A	20
CA745/4	101 A	20
CA745/10	101 A	10
CA703/4	Imax.: 101 A	100
CA704/4	101 A	100
CA705/4	101 A	100
CA735/10	101 A	100
CA707/S/Q/2		100
CA707/TS/06		100
CA509/K12		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

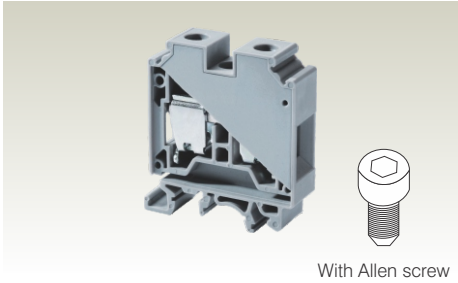
CTS35UN



16 x 50.5 mm			
59.2 mm / 66.7 mm / 64.3 mm			
IEC		UL - CSA	
4.0 - 35.0 mm²		12 - 2 AWG	
4.0 - 35.0 mm²		12 - 2 AWG	
4.0 - 16.0 mm²		12 - 4 AWG	
4.0 - 16.0 mm²		12 - 8 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
1000 V	600 V	600 V	800 V
125 A	130 A	130 A	109 A
2.5 Nm	25 lb-in	25 lb-in	2.5 Nm
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS35UN		50
PP35UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA771/2	Imax.: 125 A	50
CA771/3	125 A	20
CA771/4	125 A	20
CA771/10	125 A	10
CA781/2	Imax.: 125 A	50
CA781/3	125 A	20
CA781/4	125 A	20
CA781/10	125 A	10
CA703/10	Imax.: 125 A	100
CA704/10	125 A	100
CA705/10	125 A	100
CA770/10	125 A	100
CA707/S/Q/2		100
CA707/TS/06		100
CA509/K16		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

CTS35UNA



16 x 50.5 mm			
59.2 mm / 66.7 mm / 64.3 mm			
IEC		UL - CSA	
4.0 - 35.0 mm²		12 - 2 AWG	
4.0 - 35.0 mm²		12 - 2 AWG	
4.0 - 16.0 mm²		12 - 4 AWG	
4.0 - 16.0 mm²		12 - 8 AWG	
15 mm			
IEC60947-7-1			
1000 V			
125 A			
2.5 Nm			
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS35UNA		50
PP35UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA771/2	Imax.: 125 A	50
CA771/3	125 A	20
CA771/4	125 A	20
CA771/10	125 A	10
CA781/2	Imax.: 125 A	50
CA781/3	125 A	20
CA781/4	125 A	20
CA781/10	125 A	10
CA703/10	Imax.: 125 A	100
CA704/10	125 A	100
CA705/10	125 A	100
CA770/10	125 A	100
CA707/S/Q/2		100
CA707/TS/06		100
CA509/K16		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

STANDARD FEED THROUGH TERMINAL BLOCKS

	CTS50/70N	CTS50/70NA
		 With Allen screw
Width (Thickness) x Length	20.5 x 77.3 mm	20.5 x 77.3 mm
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	71.1 mm / 78.1 mm	71.1 mm / 78.1 mm

Connection Possibility as per		IEC	UL - CSA	IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	10.0 - 70.0 mm^2	8 - 2/0 AWG	10.0 - 70.0 mm^2	8 - 2/0 AWG
	with Ferrule / Lug	10.0 - 70.0 mm^2	8 - 2/0 AWG	10.0 - 70.0 mm^2	8 - 2/0 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	10.0 - 35.0 mm^2	8 - 2 AWG	10.0 - 35.0 mm^2	8 - 2 AWG

	CTS50/70N				CTS50/70NA			
Wire Stripping Length	22 mm				22 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage	1000 V	1000 V	1000 V		1000 V	1000 V	1000 V	
Current	192 A	175 A	175 A		192 A	175 A	175 A	
Torque	3.0 Nm	38 lb-in	38 lb-in		3.0 Nm	38 lb-in	38 lb-in	
Approvals								
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3				8 KV / 3			

		CTS50/70N Type / Cat. No.		Standard Pack	CTS50/70NA Type / Cat. No.		Standard Pack
Terminal Block		CTS50/70N		20	CTS50/70NA		20
Auxiliary / Pick Off Terminal		AUX6		10	AUX6		10
Mounting Rail	(Refer Pg. 184 for details)	CA701		50 m	CA701		50 m
		CA701-15		50 m	CA701-15		50 m
End Clamp	(Refer Pg. 185 for details)	CA202		50	CA202		50
		CA102		50	CA102		50
Shorting Link System	2 pole	CA628/2	Imax.: 192 A	10	CA628/2	Imax.: 192 A	10
	3 pole	CA628/3	192 A	10	CA628/3	192 A	10
Marking Tags	(Refer Pg. 187 for details)	CA509/K16		100	CA509/K16		100

CTS95/120N

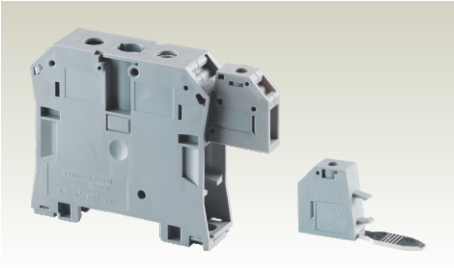
With Allen screw

27 x 84.5 mm			
83.0 mm / 90.5 mm			
IEC		UL - CSA	
25.0 - 120.0 mm²		2 - 250 kcmil	
25.0 - 120.0 mm²		2 - 250 kcmil	
25.0 - 70 mm²		2 - 2/0 AWG	
24 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	1000 V	1000 V	
269 A	240 A	240 A	
6.0 Nm	90 lb-in	90 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS95/120N		10
AUX6		10
CA701		50 m
CA701-15		50 m
CA202		50
CA102		50
CA629/2	Imax.: 269 A	10
CA629/3	269 A	10
CA509/K16		100

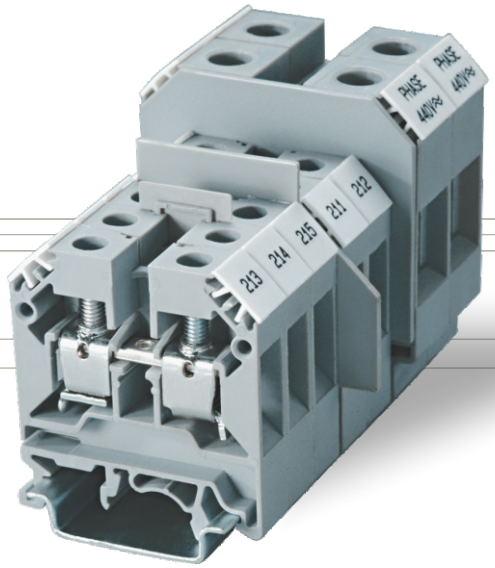
AUX6 (Auxiliary Terminal Block)

In certain power circuits, there is a need to take an extra connection for an Auxiliary circuit like an indicating light or contactor. The AUX6 terminal easily plugs into the terminal and provides this extra connection point.



Width (Thickness) x Length x Height		8 x 53.6 x 29.4 mm			
With 1 Conductor per clamp	Stranded / Flexible	0.5 - 6.0 mm²		22 - 8 AWG	
	Solid	0.5 - 10.0 mm²		22 - 6 AWG	
	with Ferrule / Lug	0.5 - 6.0 mm²		22 - 8 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 4.0 mm²		22 - 10 AWG	
	with TWIN Ferrule / Lug	0.5 - 4.0 mm²		22 - 10 AWG	
Ratings As Per		IEC60947-7-1	IEC 60079-7	UL-1059	CSA22.2-158
Voltage		1000 V	630 V	600 V	600 V
Current		41 A	36 A	50 A	50 A
Torque		0.8 Nm	0.8 Nm	14 lb-in	14 lb-in

	Type / Cat. No.	Standard Pack	Suitable For
Auxiliary Terminal	AUX6	10	CTS50/70N CTS50/70NA CTS95/120N
Marking Tag	CA509/K8	100	AUX6



MULTIPLE CONNECTION TERMINAL BLOCKS

These blocks are used to connect multiple wires in a single Terminal Block, thereby eliminating reliability problems encountered when connecting multiple wires in a single clamp.

CMCG4 ground terminal enables the connection of grounding wires.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

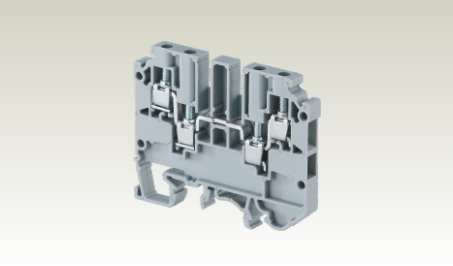
CMC1-2

Width (Thickness) x Length		6 x 46.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		49.5 mm / 56.5 mm / 53.3 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158 IEC 60079-7
Voltage		630 V	600 V	600 V 500 V
Current		32 A	35 A	35 A 28 A
Torque		0.5 Nm	7 lb-in	7 lb-in 0.5 Nm
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CMC1-2		100
End Plate		EPCMC1-2		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Pre Assembled Shorting Links	2 pole	CA722/2	Imax.: 32 A	100
	3 pole	CA722/3	32 A	100
	4 pole	CA722/4	32 A	100
	10 pole	CA722/10	32 A	10
	100 pole	CA722/100	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA742/2	Imax.: 32 A	100
	3 pole	CA742/3	32 A	100
	4 pole	CA742/4	32 A	100
	10 pole	CA742/10	32 A	10
	100 pole	CA742/100	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links *	2 pole	CA713/2	Imax.: 32 A	100
	3 pole	CA713/3	32 A	100
	4 pole	CA713/4	32 A	100
	10 pole	CA713/10	32 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

* External Shorting links can be used only in the upper level clamping unit of the Terminal Block.

CMC2-2



6 x 65 mm

53.4 mm / 60.5 mm / 58.7 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 12 AWG

9 mm

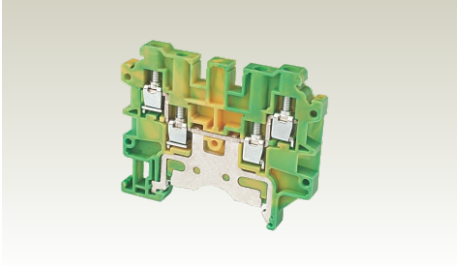
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
630 V	600 V	600 V	690 V
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CMC2-2			50
EPCMC2-2			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA713/2	Imax.:	32 A	100
CA713/3		32 A	100
CA713/4		32 A	100
CA713/10		32 A	20
CA707/TS/01			100
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CMCG4



6 x 65 mm

53.7 mm / 60.9 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 2.5 mm²	24 - 12 AWG

9 mm

IEC60947-7-2	UL-1059	CSA22.2-158	
0.5 Nm	4.5 lb-in	4.5 lb-in	

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CMCG4	50
EPCMC2-2	50
CA701	50 m
CA701-15	50 m
CA702	50
CA802	50
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

DOUBLE LEVEL TERMINAL BLOCKS

These blocks are ideal for use in applications requiring high density wiring. Interconnection/ shorting is possible at both levels.

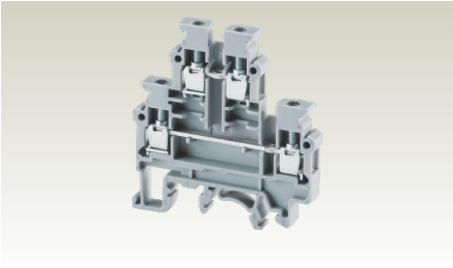
CDL4UN is suited for 800 V application and can accommodate larger K6 marking tags.

Functionally similar to the CDL4UN, in the ODL4U Terminal Block, the top level is offset from the bottom level by half the thickness of the Terminal Block. This creates better access for the bottom level screws while the wires are connected. It is recommended to use End Plates at both ends of the assembled ODL4U sets for flat alignment to enable the effective use of End Clamp. ODL4UA Terminal Block is modified version of ODL4U, with 'Modular' feature, where the Terminal Blocks can be stacked to form multi-pole assembly.

These blocks are ideal for use in applications requiring high density wiring. Interconnection/ shorting is possible at both levels.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

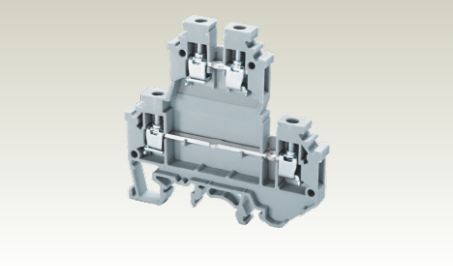
CDL4UN



Width (Thickness) x Length		6 x 57 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		59.5 mm / 67.2 mm / 64.5 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158 IEC 60079-7
Voltage		800 V	600 V	600 V 550 V
Current		32 A	35 A	35 A 28 A
Torque		0.5 Nm	7 lb-in	7 lb-in 0.5 Nm
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CDL4UN		100
End Plate		EPCDL4UN		50
Separator Plate		SPCDL4U		100
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
Pre Assembled Shorting Links	2 pole	CA722/2	Imax.: 32 A	100
	3 pole	CA722/3	32 A	100
	4 pole	CA722/4	32 A	100
	10 pole	CA722/10	32 A	10
	100 pole	CA722/100	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA742/2	Imax.: 32 A	100
	3 pole	CA742/3	32 A	100
	4 pole	CA742/4	32 A	100
	10 pole	CA742/10	32 A	10
	100 pole	CA742/100	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	100
	4 pole	CA714/4	32 A	100
	10 pole	CA714/10	32 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

ODL4U



6 x 68 mm

65.0 mm / 71.7 mm / 69.2 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

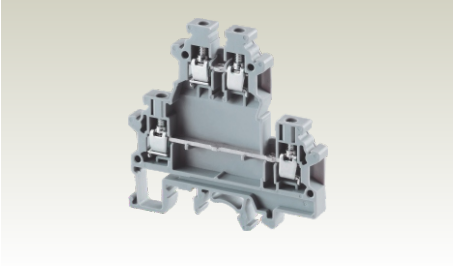
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	550 V
32 A	35 A	35 A	28 A
0.5 Nm	7 lb-in	7 lb-in	0.5 Nm

Polyamide 66 / 1

6 KV / 3

Type / Cat. No.		Standard Pack
ODL4U		100
EPODL4U (Front Side) EP1ODL4U (Back Side)		50 50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA202		50
CA727/2	Imax.: 32 A	100
CA727/3	32 A	100
CA727/4	32 A	100
CA727/10	32 A	10
CA747/2	Imax.: 32 A	100
CA747/3	32 A	100
CA747/4	32 A	100
CA747/10	32 A	10
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA732/10-A	32 A	100
CA732/100	32 A	10
CA607/S/Q		100
CA714/2	Imax.: 32 A	100
CA714/3	32 A	100
CA714/4	32 A	100
CA714/10	32 A	20
CA707/TS/01		100
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

ODL4UA



6 x 68 mm

65.0 mm / 71.1 mm / 69.2 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

IEC60947-7-1	CSA22.2-158		
800 V	600 V		
32 A	35 A		
0.5 Nm	7 lb-in		

Polyamide 66 / 1

6 KV / 3

Type / Cat. No.		Standard Pack
ODL4UA		100
EPODL4U (Front Side) EP1ODL4U (Back Side)		50 50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA202		50
CA727/2	Imax.: 32 A	100
CA727/3	32 A	100
CA727/4	32 A	100
CA727/10	32 A	10
CA747/2	Imax.: 32 A	100
CA747/3	32 A	100
CA747/4	32 A	100
CA747/10	32 A	10
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA732/10-A	32 A	100
CA732/100	32 A	10
CA607/S/Q		100
CA714/2	Imax.: 32 A	100
CA714/3	32 A	100
CA714/4	32 A	100
CA714/10	32 A	20
CA707/TS/01		100
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

DOUBLE LEVEL TERMINAL BLOCKS

CDL4UN(I.S)

In the CDL4UN(I.S) Terminal Block, both levels are internally shorted. These blocks are useful for distribution application with the aid of shorting links at the lower level.

CDLG4(I.S) is a grounding terminal with the same profile of the CDL4UN Terminal Block.

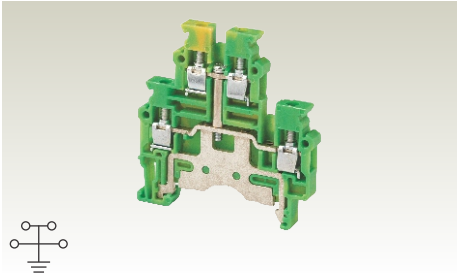
The CDLG4 terminal has feed through connection possibility on the top level & grounding connection on the lower level.

The CDLG2.5 is a double level Terminal Block with an additional connection point for earthing (Grounding) cables. This separate connection point is appropriately identified by the green-yellow imprint on its top.

Width (Thickness) x Length		6 x 57 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		59.5 mm / 67.2 mm / 64.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	22 - 10 AWG
	Solid	0.2 - 6.0 mm^2	
	with Ferrule / Lug	0.2 - 4.0 mm^2	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1	UL-1059 CSA22.2-158
Voltage		800 V	600 V 600 V
Current		32 A	35 A 35 A
Torque		0.5 Nm	7 lb-in 7 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CDL4UN(I.S)		100
End Plate		EPCDL4UN		50
Separator Plate		SPCDL4U		100
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
Pre Assembled Shorting Links	2 pole	CA722/2	Imax.: 32 A	100
	3 pole	CA722/3	32 A	100
	4 pole	CA722/4	32 A	100
	10 pole	CA722/10	32 A	10
	100 pole	CA722/100	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA742/2	Imax.: 32 A	100
	3 pole	CA742/3	32 A	100
	4 pole	CA742/4	32 A	100
	10 pole	CA742/10	32 A	10
	100 pole	CA742/100	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	100
	4 pole	CA714/4	32 A	100
	10 pole	CA714/10	32 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CDLG4(I.S)



6 x 57 mm

59.0 mm / 67.0 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 2.5 mm²	24 - 12 AWG

8 mm

IEC60947-7-2 UL-1059 CSA22.2-158

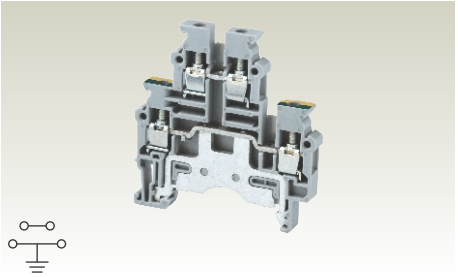
0.5 Nm 4.5 lb-in 4.5 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CDLG4(I.S)			100
EPCDL4UN			50
SPCDL4U			100
CA701			50 m
CA701-15			50 m
CA702			50
CA802			50
CA202			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2	Imax.:	32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA707/TS/01			100
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CDLG4



6 x 57 mm

59.0 mm / 67.0 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 2.5 mm²	24 - 12 AWG

8 mm

IEC60947-7-2 UL-1059 CSA22.2-158

500 V 150 V 150 V

32 A 32 A 30 A

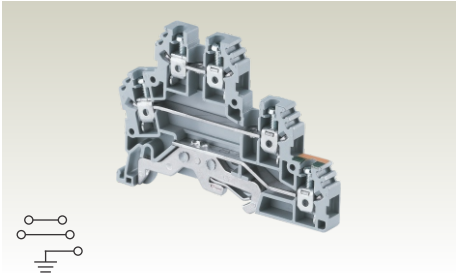
0.5 Nm 4.5 lb-in 4.5 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CDLG4			100
EPCDL4UN			50
SPCDL4U			100
CA701			50 m
CA701-15			50 m
CA702			50
CA802			50
CA202			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2	Imax.:	32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA707/TS/01			100
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CDLG2.5



6 x 71.1mm

53.0 mm / 61.0 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 1.5 mm²	22 - 14 AWG
0.2 - 1.5 mm²	22 - 16 AWG

9 mm

IEC60947-7-2 UL-1059

500 V 300 V

24 A 24 A

0.4 Nm 4.5 lb-in

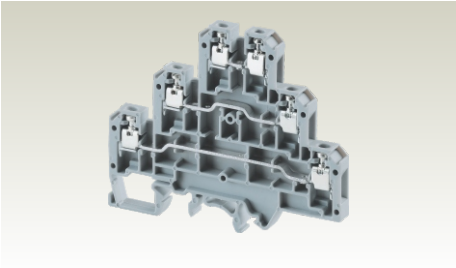
Polyamide 66 / 1

6 KV / 3

Type / Cat. No.			Standard Pack
CDLG2.5			100
EPCDLG2.5			50
SPCDLG2.5			100
CA701			50 m
CA701-15			50 m
CA702			50
CA802			50
CA202			50
CA627/2	Imax.:	24 A	100
CA627/3		24 A	100
CA627/4		24 A	100
CA627/10		24 A	10
CA703/1	Imax.:	24 A	100
CA704/1		24 A	100
CA705/1		24 A	100
CA732/10		24 A	100
CA732/10-A		24 A	100
CA732/100		24 A	10
CA611/S/Q			100
CA715/2	Imax.:	24 A	100
CA715/3		24 A	100
CA715/4		24 A	100
CA715/10		24 A	20
CA707/TS/01			100
CA509/K2G			100
SCS0.5/3	Blade size: 0.5 x 3 mm		10

TRIPLE LEVEL TERMINAL BLOCKS

CTL2.5U



These Terminal Blocks are an ideal choice for control systems where sensor and actuator applications are involved. The simplified three level connections tremendously increase wiring density in the circuit.

The top level of the CTL2.5UH Terminal Block provides connection points for signal wires while the middle and bottom level are used for positive and negative potentials. In applications where switching indication is required, choice of CTL2.5UHL, CTL2.5UL with built-in electronic components is available.

Marking tags in blue and red colour besides the conventional white colour are suggested for effective identification.

CTL2.5U(I.S) Terminal Block is an internally shorted Terminal Block which can be used for distribution applications.

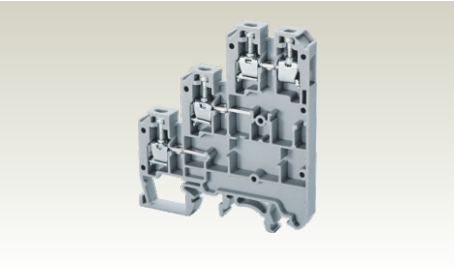
CTL2.5U(I.S)D2 is an internally shorted Terminal Block with a built-in Diode for reverse polarity protection.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

Width (Thickness) x Length		6 x 84 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		68.0 mm / 75.6 mm / 73.8 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG	
	Solid	0.2 - 4.0 mm^2	22 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	22 - 14 AWG	
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 14 AWG	
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		500 V	300 V	300 V	380 V
Current		24 A	25 A	25 A	21 A
Torque		0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		4 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CTL2.5U		50
End Plate		EPCTL2.5U		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
Pre Assembled Shorting Links	2 pole	CA722/2	Imax.: 24 A	100
	3 pole	CA722/3	24 A	100
	4 pole	CA722/4	24 A	100
	10 pole	CA722/10	24 A	10
	100 pole	CA722/100	24 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 24 A	100
	3 pole	CA704/1	24 A	100
	4 pole	CA705/1	24 A	100
	10 pole	CA732/10	24 A	100
	10 pole (Breakable)	CA732/10-A	24 A	100
	100 pole	CA732/100	24 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links	2 pole	CA715/2	Imax.: 24 A	100
	3 pole	CA715/3	24 A	100
	4 pole	CA715/4	24 A	100
	10 pole	CA715/10	24 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10

CTL2.5UH



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 1.5 mm^2	22 - 14 AWG
0.2 - 1.5 mm^2	22 - 14 AWG

9 mm

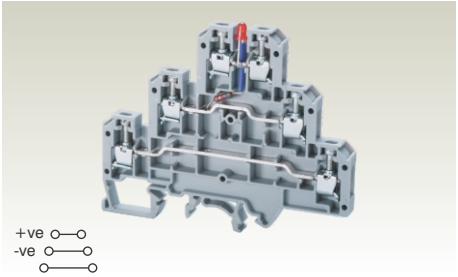
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
500 V	300 V	300 V	380 V
24 A	25 A	25 A	21 A
0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm

Polyamide 66 / 1

4 KV / 3

Type / Cat. No.		Standard Pack
CTL2.5UH		50
EPCTL2.5UH		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA202		50
CA722/2	Imax.: 24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	Imax.: 24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	Imax.: 24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100
CA509/K2		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CTL2.5UL



6 x 84 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 1.5 mm^2	22 - 14 AWG
0.2 - 1.5 mm^2	22 - 14 AWG

9 mm

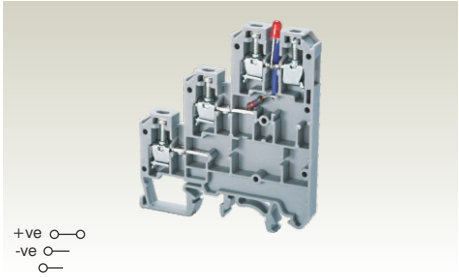
IEC60947-7-1	UL-1059	CSA22.2-158
500 V	300 V	300 V
24 A	25 A	25 A
0.4 Nm	4.5 lb-in	4.5 lb-in

Polyamide 66 / 1

4 KV / 3

Type / Cat. No.		Standard Pack
CTL2.5UL*		50
EPCTL2.5U		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA202		50
CA722/2	Imax.: 24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	Imax.: 24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	Imax.: 24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100
CA509/K2		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CTL2.5UHL



6 x 61 mm

68.0 mm / 75.6 mm / 73.8 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 1.5 mm^2	22 - 14 AWG
0.2 - 1.5 mm^2	22 - 14 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158
500 V	300 V	300 V
24 A	25 A	25 A
0.4 Nm	4.5 lb-in	4.5 lb-in

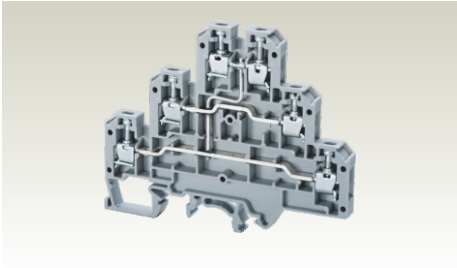
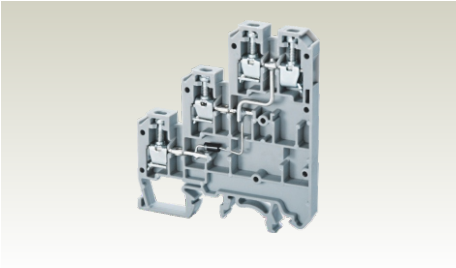
Polyamide 66 / 1

4 KV / 3

Type / Cat. No.		Standard Pack
CTL2.5UHL*		50
EPCTL2.5UH		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA202		50
CA722/2	Imax.: 24 A	100
CA722/3	24 A	100
CA722/4	24 A	100
CA722/10	24 A	10
CA722/100	24 A	10
CA703/1	Imax.: 24 A	100
CA704/1	24 A	100
CA705/1	24 A	100
CA732/10	24 A	100
CA732/10-A	24 A	100
CA732/100	24 A	10
CA707/S/Q/01		100
CA715/2	Imax.: 24 A	100
CA715/3	24 A	100
CA715/4	24 A	100
CA715/10	24 A	20
CA707/TS/01		100
CA509/K2		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

* Standard voltage for “LED Indication” is 12 V D.C. Other variations in voltage is available on request.
Add required voltage to Type / Cat. No. as suffix e.g. CTL2.5UL24 for 24V D.C.

TRIPLE LEVEL TERMINAL BLOCKS

	CTL2.5U(I.S)	CTL2.5UH(I.S)D2
		

		CTL2.5U(I.S)				CTL2.5UH(I.S)D2			
Width (Thickness) x Length		6 x 84 mm				6 x 61 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		68.0 mm / 75.6 mm / 73.8 mm				68.0 mm / 75.6 mm / 73.8 mm			
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
	Solid	0.2 - 4.0 mm^2		22 - 10 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2		22 - 14 AWG		0.2 - 1.5 mm^2		22 - 14 AWG	
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2		22 - 14 AWG		0.2 - 1.5 mm^2		22 - 14 AWG	
Wire Stripping Length		9 mm				9 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059		
Voltage		500 V	150 V	150 V		500 V	150 V		
Current		24 A	25 A	25 A		24 A	25 A		
Torque		0.4 Nm	4.5 lb-in	4.5 lb-in		0.4 Nm	4.5 lb-in		
Approvals									
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3				4 KV / 3			

		Type / Cat. No.			Standard Pack	Type / Cat. No.			Standard Pack
Terminal Block		CTL2.5U(I.S)			50	CTL2.5UH(I.S)D2			50
End Plate		EPCTL2.5U			50	EPCTL2.5UH			50
Mounting Rail (Refer Pg. 184 for details)		CA701			50 m	CA701			50 m
		CA701-15			50 m	CA701-15			50 m
		CA501			50 m	CA501			50 m
End Clamp (Refer Pg. 185 for details)		CA702			50	CA702			50
		CA802			50	CA802			50
		CA202			50	CA202			50
Pre Assembled Shorting Links *	2 pole	CA722/2	Imax.:	24 A	100	CA722/2	Imax.:	24 A	100
	3 pole	CA722/3		24 A	100	CA722/3		24 A	100
	4 pole	CA722/4		24 A	100	CA722/4		24 A	100
	10 pole	CA722/10		24 A	10	CA722/10		24 A	10
	100 pole	CA722/100		24 A	10	CA722/100		24 A	10
Permanent Shorting Links *	2 pole	CA703/1	Imax.:	24 A	100	CA703/1	Imax.:	24 A	100
	3 pole	CA704/1		24 A	100	CA704/1		24 A	100
	4 pole	CA705/1		24 A	100	CA705/1		24 A	100
	10 pole	CA732/10		24 A	100	CA732/10		24 A	100
	10 pole (Breakable)	CA732/10-A		24 A	100	CA732/10-A		24 A	100
	100 pole	CA732/100		24 A	10	CA732/100		24 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01			100	CA707/S/Q/01			100
Insulated External Shorting Links	2 pole	CA715/2	Imax.:	24 A	100	CA715/2	Imax.:	24 A	100
	3 pole	CA715/3		24 A	100	CA715/3		24 A	100
	4 pole	CA715/4		24 A	100	CA715/4		24 A	100
	10 pole	CA715/10		24 A	20	CA715/10		24 A	20
Test Socket		CA707/TS/01			100	CA707/TS/01			100
Marking Tags (Refer Pg. 187 for details)		CA509/K2			100	CA509/K2			100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm		10	SCS0.5/3	Blade size: 0.5 x 3 mm		10

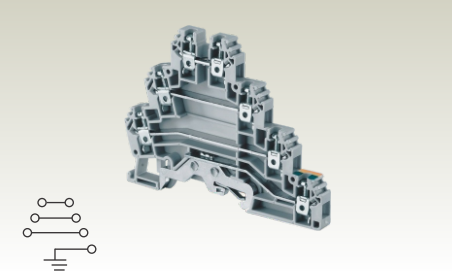
* Shorting links cannot be used in the top level of the Terminal Block.

TRIPLE LEVEL WITH GROUND TERMINAL BLOCKS

The CTLG2.5 is a triple level Terminal Block with an additional connection for earthing cables. This separate connection point is appropriately identified by the green - yellow imprint on its top.

This Terminal Block is an ideal choice for motor, sensor, actuator and initiator connections.

CTLG2.5



Width (Thickness) x Length		6 x 87.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		66.0 mm / 74.0 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	24 - 14 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	24 - 14 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		440 V	300 V
Current		24 A	24 A
Torque		0.4 Nm	4.5 lb-in
Approvals		CE cULus	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		6 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CTLG2.5		100
End Plate		EPCTLG2.5		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
Pre Assembled Shorting Links	2 pole	CA627/2	Imax.: 24 A	100
	3 pole	CA627/3	24 A	100
	4 pole	CA627/4	24 A	100
	10 pole	CA627/10	24 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 24 A	100
	3 pole	CA704/1	24 A	100
	4 pole	CA705/1	24 A	100
	10 pole	CA732/10	24 A	100
	10 pole (Breakable)	CA732/10-A	24 A	100
	100 pole	CA732/100	24 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA611/S/Q		100
Insulated External Shorting Links	2 pole	CA715/2	Imax.: 24 A	100
	3 pole	CA715/3	24 A	100
	4 pole	CA715/4	24 A	100
	10 pole	CA715/10	24 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2G		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10

GROUND / EARTH TERMINAL BLOCKS

These blocks are used for terminating Grounding / Earthing wires. They are green-yellow colour coded as per industry standards.

CGT4N, CGT6N & CGT10N terminals can be mounted only on the DIN 35 & DIN 35-15 Rails. They have the same top profile as their respective feed through Terminal Blocks.

CGT4U can be mounted on the DIN 35 and DIN 32 rails.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

CGT4U

Width (Thickness) x Length		6 x 43 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		49.5 mm / 56.7 mm / 54.3 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG	
	Solid	0.2 - 6.0 mm^2			
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
Torque		0.4 Nm	4.5 lb-in	4.5 lb-in	0.4 Nm
Approvals		IECEE CE cULus cSAus VDE Ex IECEx AEx Lloyd's Register			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

	Type / Cat. No.	Standard Pack
Terminal Block	CGT4U	50
End Plate	EPCGT4U	50
Mounting Rail (Refer Pg. 184 for details)	CA701	50 m
	CA701-15	50 m
	CA501	50 m
Marking Tags (Refer Pg. 187 for details)	CA509/K6	100
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CGT4N

6 x 54.2 mm

47.0 mm / 54.4 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

8 mm

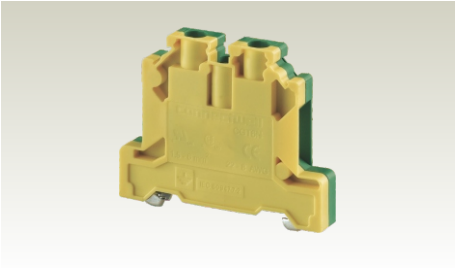
IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
0.4 Nm	7 lb-in	7 lb-in	0.4 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CGT4N		50
CA701		50 m
CA701-15		50 m
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CGT6N



8 x 54.5 mm

48.2 mm / 55.8 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

9 mm

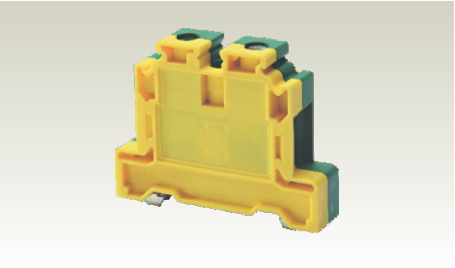
IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
0.8 Nm	14 lb-in	14 lb-in	0.8 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CGT6N		50
CA701		50 m
CA701-15		50 m
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CGT10N



10 x 55 mm

48.5 mm / 56.0 mm

IEC	UL - CSA
0.2 - 10.0 mm^2	16 - 6 AWG
0.2 - 10.0 mm^2	16 - 6 AWG
0.2 - 6.0 mm^2	16 - 10 AWG
0.2 - 6.0 mm^2	16 - 10 AWG

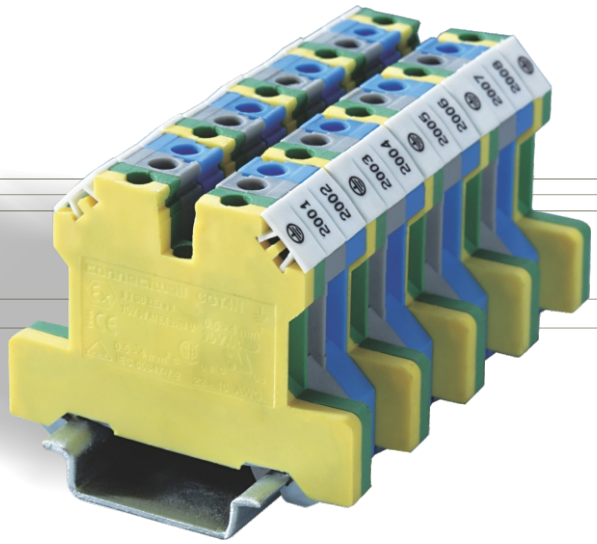
11 mm

IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
1.2 Nm	14 lb-in	14 lb-in	1.2 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CGT10N		50
CA701		50 m
CA701-15		50 m
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10



GROUND / EARTH TERMINAL BLOCKS

These blocks are used for terminating Grounding / Earthing wires. They are green-yellow colour coded as per industry standards.

CGT16N terminals can be mounted only on the DIN 35 & DIN 35-15 Rails. They have the same top profile as their respective feed through Terminal Blocks.

CGT10U & CGT35U can be mounted on the DIN 35 and DIN 32 rails.

CGMT4 is suitable for DIN 15 micro rail & can be used in conjunction with CMT4 (Pg - 65) Terminal Blocks.

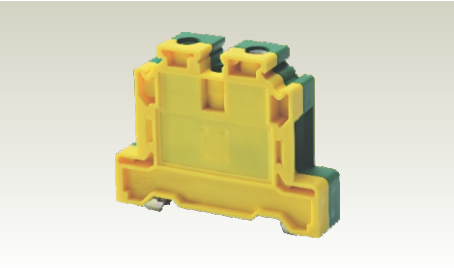
The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

CGT10U

Width (Thickness) x Length		10 x 45 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		51.0 mm / 58.2 mm / 55.7 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 10.0 mm^2		16 - 8 AWG	
	Solid				
	with Ferrule / Lug	0.2 - 10.0 mm^2		16 - 8 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 6.0 mm^2		16 - 10 AWG	
	with TWIN Ferrule / Lug	0.2 - 6.0 mm^2		16 - 10 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
Torque		1.2 Nm	14 lb-in	14 lb-in	1.2 Nm
Approvals		IECEE CE cULus cSPus VDE Ex IECEx AEx Lloyds Register			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

	Type / Cat. No.	Standard Pack
Terminal Block	CGT10U	50
Mounting Rail (Refer Pg. 184 for details)	CA701	50 m
	CA701-15	50 m
	CA501	50 m
Marking Tags (Refer Pg. 187 for details)	CA509/K10	100
Screw Driver	SCS0.8/4 Blade size: 0.8 x 4 mm	10

CGT16N



12 x 55 mm

48.5 mm / 56.0 mm

IEC	UL - CSA
0.2 - 16.0 mm^2	20 - 4 AWG
0.2 - 16.0 mm^2	20 - 4 AWG
0.2 - 10.0 mm^2	20 - 6 AWG
0.2 - 10.0 mm^2	20 - 6 AWG

12 mm

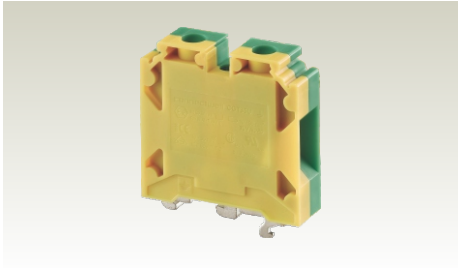
IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
2.0 Nm	14 lb-in	14 lb-in	2.0 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT16N	50
CA701	50 m
CA701-15	50 m
CA509/K12	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

CGT35U



16 x 58 mm

63.2 mm / 70.5 mm / 68.0 mm

IEC	UL - CSA
2.5 - 35.0 mm^2	8 - 2 AWG
2.5 - 35.0 mm^2	8 - 2 AWG
2.5 - 25.0 mm^2	8 - 4 AWG

15 mm

IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
2.5 Nm	25 lb-in	25 lb-in	2.5 Nm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CGT35U	20
CA701	50 m
CA701-15	50 m
CA501	50 m
CA509/K16	100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

CGMT4

For DIN 15 Rail only

6 x 27 mm

30.7 mm (Height with DIN 15 Rail only)

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	22 - 12 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

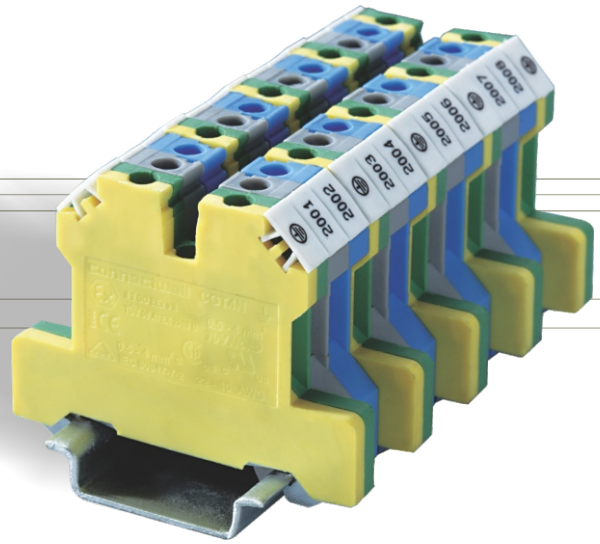
8 mm

IEC60947-7-2	UL-1059	CSA22.2-158	IEC 60079-7
0.5 Nm	7 lb-in	7 lb-in	7 lb-in

Polyamide 66 / 1

4 KV / 3

Type / Cat. No.	Standard Pack
CGMT4	100
CA601	50 m
CA509/K2	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10



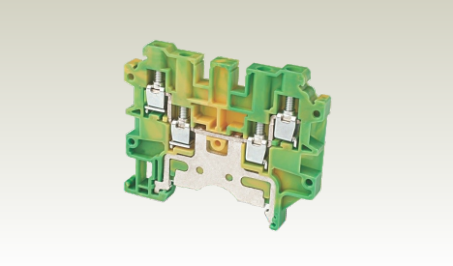
GROUND / EARTH TERMINAL BLOCKS

These blocks are used for terminating Grounding / Earthing wires. They are green-yellow colour coded as per industry standards.

CMCG4 ground terminal enables the connection of grounding wires.

CDLG4(I.S) is a grounding terminal with the same profile of the CDL4UN Terminal Block.

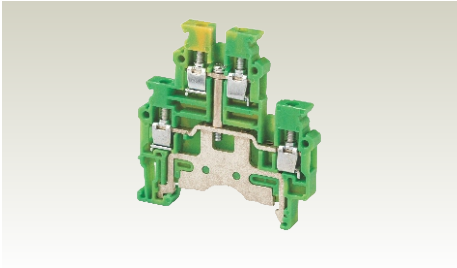
CMCG4



Width (Thickness) x Length		6 x 65 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		53.7 mm / 60.9 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	24 - 10 AWG	
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2	24 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG	
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-2	UL-1059	CSA22.2-158
Torque		0.5 Nm	4.5 lb-in	4.5 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block		CMCG4	50
End Plate		EPCMC2-2	50
Separator Plate			
Mounting Rail	(Refer Pg. 184 for details)	CA701	50 m
		CA701-15	50 m
End Clamp	(Refer Pg. 185 for details)	CA702	50
		CA802	50
Marking Tags	(Refer Pg. 187 for details)	CA509/K6	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CDLG4(I.S)



Width (Thickness) x Length		6 x 57 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		59.0 mm / 67.0 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	24 - 10 AWG
	Solid	0.2 - 6.0 mm^2	
	with Ferrule / Lug	0.2 - 4.0 mm^2	24 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-7-2 UL-1059 CSA22.2-158	
Torque		0.5 Nm 4.5 lb-in 4.5 lb-in	
Approvals			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CDLG4(I.S)		100
End Plate		EPCDL4UN		50
Separator Plate		SPCDL4U		100
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
Pre Assembled Shorting Links	2 pole	CA722/2	Imax.: 32 A	100
	3 pole	CA722/3	32 A	100
	4 pole	CA722/4	32 A	100
	10 pole	CA722/10	32 A	10
	100 pole	CA722/100	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA742/2	Imax.: 32 A	100
	3 pole	CA742/3	32 A	100
	4 pole	CA742/4	32 A	100
	10 pole	CA742/10	32 A	10
	100 pole	CA742/100	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	100
	4 pole	CA714/4	32 A	100
	10 pole	CA714/10	32 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

NEUTRAL / EARTH CLAMPS

CENC4

The CENC series clamps are a flexible solution for terminating neutral and grounding wires on bus bar.

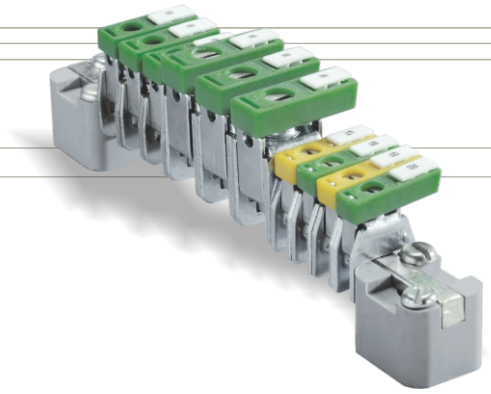
The NEB10 (10 x 3mm) and NEB6 (6 x 6mm) bus bar can either be panel mounted using Plastic supports NES or Din rail mounted using the end clamp CA202.

Width (Thickness) x Length		7.5 x 23.3 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail				
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	10.0 mm^2	22 - 12 AWG	
	Solid	0.2 - 10.0 mm^2	22 - 10 AWG	
	with Ferrule / Lug	10.0 mm^2	22 - 12 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	22 - 14 AWG	
	with TWIN Ferrule / Lug	0.2 - 4.0 mm^2	22 - 14 AWG	
Wire Stripping Length		12 mm		
Ratings As Per		IEC60947-7-2	UL-1059	CSA22.2-158
Torque		0.8 Nm	14 lb-in	14 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

	Type / Cat. No.		Standard Pack
Terminal Block	CENC4		50
Bus Bar (6 x 6 mm)	NEB6	Imax.: 140 A	1 m
Bus Bar (10 x 3 mm)	NEB10	Imax.: 120 A	1 m
Plastic support with fixing screw	NES		50
Bus Bar Support for DIN 35 Rail Mounting	CA202		50
Marking Tags (Refer Pg. 187 for details)	CA509/K5		100
Screw Driver	SCS0.8/4	Blade size: 0.8 x 4 mm	10

Note:
The current carrying capacity of the busbar (140A) should be taken into account while connecting loads.

PANEL & RAIL MOUNTING ASSEMBLY OF CENC CLAMPS



CENC16

9.8 x 23.3 mm

IEC	UL - CSA
10.0 - 16.0 mm^2	10 - 4 AWG
10.0 - 16.0 mm^2	10 - 4 AWG
6.0 - 10.0 mm^2	10 - 6 AWG
6.0 - 10.0 mm^2	10 - 6 AWG

16 mm

IEC60947-7-2 UL-1059 CSA22.2-158

2.0 Nm	17.5 lb-in	14 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CENC16		50
NEB6	Imax.: 140 A	1 m
NEB10	Imax.: 120 A	1 m
NES		50
CA202		50
CA509/K6		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

CENC35

14.5 x 27.3 mm

IEC	UL - CSA
10.0 - 35.0 mm^2	8 - 2 AWG
10.0 - 35.0 mm^2	8 - 2 AWG
10.0 - 25.0 mm^2	8 - 4 AWG

16 mm

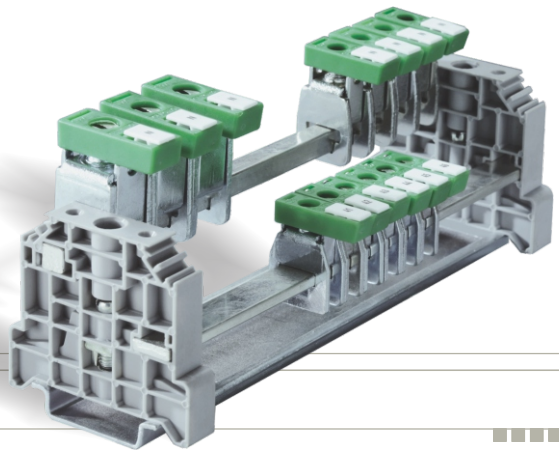
IEC60947-7-2 UL-1059 CSA22.2-158

2.5 Nm	25 lb-in	25 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CENC35		50
NEB6	Imax.: 140 A	1 m
NEB10	Imax.: 120 A	1 m
NES		50
CA202		50
CA509/K6		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10



FUSE TERMINAL BLOCKS

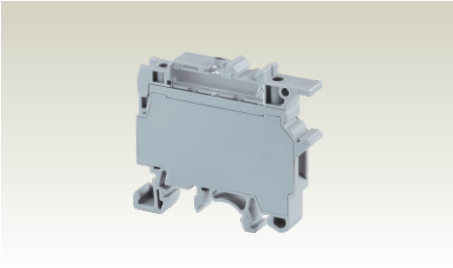
These Terminal Blocks are used in electrical and control systems which require fuse protection. The CF series accepts industry standard Ø5 x 20 mm and Ø5 x 25 mm glass cartridge fuses. These blocks are completely closed and do not need a separate end plate.

CF4SP series fuse terminals, have a thickness of 6 mm with a provision for using internal shorting links. In control & automation wiring circuits it can be used in an alternating configuration with CTS2.5UN, CTS2.5UE, CTS4UN and CF4SPFT feed through terminals.

CF4UL & CF4SPL series terminals are used for offline indication in case of a fuse blow out.

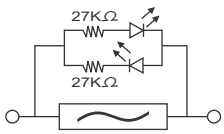
These blocks can be used with AC & DC voltages.

CF4U

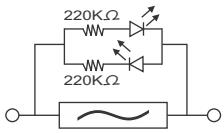


Width (Thickness) x Length		8 x 57 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		50.3 mm / 57.6 mm / 56.5 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		9.5 mm		
Ratings As Per		IEC60947-7-3	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		6.3 A	10 A	10 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals		CE, cULus, cULus, Lloyds Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		
Fuse Size		Ø5 x 20, Ø5 x 25 mm		
Fuse Indication				

		Type / Cat. No.	Standard Pack
Terminal Block		CF4U	100
	For 6 - 60 V AC/DC		
	For 110 - 240 V AC/DC		
Same profile feed through terminal (Refer Page 42)			
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m
		CA701-15	50 m
		CA501	50 m
End Clamp (Refer Pg. 185 for details)		CA702	50
		CA802	50
Pre Assembled Shorting Links	2 pole		
	3 pole		
	4 pole		
	10 pole		
	100 pole		
Insulated Pre Assembled Shorting Link	2 pole		
	3 pole		
	4 pole		
	10 pole		
	100 pole		
Permanent Shorting Links	2 pole		
	3 pole		
	4 pole		
	10 pole		
	10 pole (Breakable)		
	100 pole		
Short Sleeve & Screw for Permanent Shorting Links			
Insulated External Shorting Links	2 pole	CA711/2 Imax.: 32 A	100
	3 pole	CA711/3 32 A	50
	4 pole	CA711/4 32 A	50
	10 pole	CA711/10 32 A	20
Marking Tags	On Terminal	CA509/K8	100
	On Fuse Carrier	CA509/K6	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

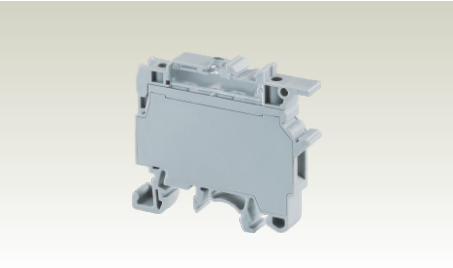


LED Circuit for offline indication in CF4UL6-60V / CF4SPL6-60V



LED Circuit for offline indication in CF4UL110-240V / CF4SPL110-240V

CF4UL



8 x 57 mm

50.3 mm / 57.6 mm / 56.5 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9.5 mm

IEC60947-7-3	UL-1059	CSA22.2-158	
800 V	600 V	600 V	
6.3 A	10 A	10 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

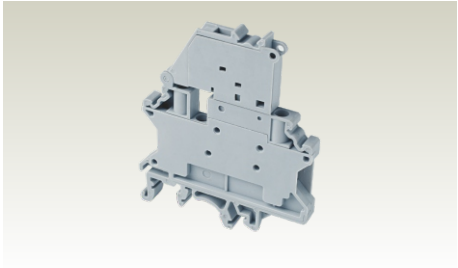
8 KV / 3

Ø5 x 20, Ø5 x 25 mm

6 - 60 V AC/DC, 110 - 240 V AC/DC

Type / Cat. No.	Standard Pack
CF4UL6-60V	100
CF4UL110-240V	100
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA711/2 Imax.: 32 A	100
CA711/3 32 A	50
CA711/4 32 A	50
CA711/10 32 A	20
CA509/K8	100
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CF4SP



6 x 58.5 mm

70.0 mm / 77.5 mm / 75.0 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 2.5 mm^2	24 - 12 AWG

8 mm

IEC60947-7-3	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
6.3 A	10 A	10 A	
0.5 Nm	4.5 lb-in	4.5 lb-in	

Polyamide 66 / 1

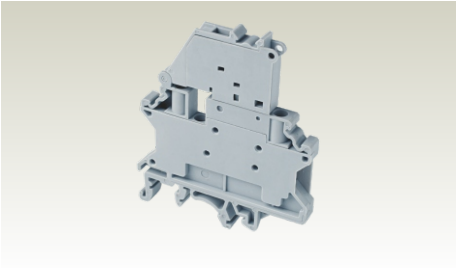
4 KV / 3

Ø5 x 20 mm

6 - 60 V AC/DC, 110 - 240 V AC/DC

Type / Cat. No.	Standard Pack
CF4SP	50
CF4SPFT	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA722/2	100
CA722/3	100
CA722/4	100
CA722/10	10
CA722/100	10
CA742/2	100
CA742/3	100
CA742/4	100
CA742/10	10
CA742/100	10
CA703/1	100
CA704/1	100
CA705/1	100
CA732/10	100
CA732/10-A	100
CA732/100	10
CA707/S/Q/01	100
CA714/2 Imax.: 32 A	100
CA714/3 32 A	50
CA714/4 32 A	50
CA714/10 32 A	20
CA509/K6	100
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CF4SPL



6 x 58.5 mm

70.0 mm / 77.5 mm / 75.0 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 2.5 mm^2	24 - 12 AWG

8 mm

IEC60947-7-3	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
6.3 A	10 A	10 A	
0.5 Nm	4.5 lb-in	4.5 lb-in	

Polyamide 66 / 1

4 KV / 3

Ø5 x 20 mm

6 - 60 V AC/DC, 110 - 240 V AC/DC

Type / Cat. No.	Standard Pack
CF4SPL6-60V	50
CF4SPL110-240V	50
CF4SPFT	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA722/2	100
CA722/3	100
CA722/4	100
CA722/10	10
CA722/100	10
CA742/2	100
CA742/3	100
CA742/4	100
CA742/10	10
CA742/100	10
CA703/1	100
CA704/1	100
CA705/1	100
CA732/10	100
CA732/10-A	100
CA732/100	10
CA707/S/Q/01	100
CA714/2 Imax.: 32 A	100
CA714/3 32 A	50
CA714/4 32 A	50
CA714/10 32 A	20
CA509/K6	100
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

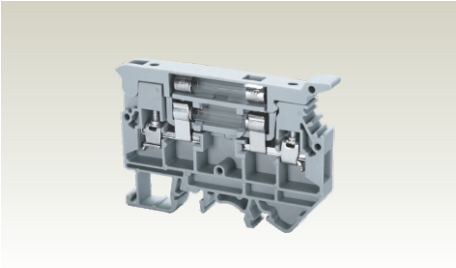
FUSE TERMINAL BLOCKS

These Terminal Blocks are used in electrical and control systems which require fuse protection.

The CAFL series accepts Ø¼" x 1" and Ø¼" x 1¼" (Ø6.3 x 32 mm) fuses. Fuse blocks with suffix (L), (N) are used for off-line indication in case of a fuse blow out.

These blocks can be used with AC & DC voltages.

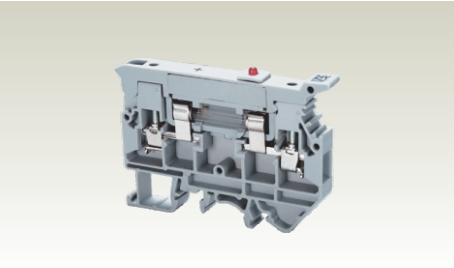
CAFL4U



Width (Thickness) x Length		9 x 72 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		55.3 mm / 63.0 mm / 60.3 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm²		22 - 10 AWG
	Solid	0.2 - 6.0 mm²		
	with Ferrule / Lug	0.2 - 4.0 mm²		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm²		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm²		22 - 12 AWG
Wire Stripping Length		9.5 mm		
Ratings As Per		IEC60947-7-3	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		6.3 A	16 A	16 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals		CE, UL, CSA, Lloyds Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		5 KV / 3		
Fuse Size		Ø¼" x 1", Ø¼" x 1¼" (Ø6.3 x 32 mm)		
Fuse Indication				

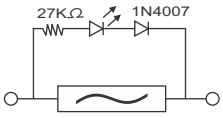
		Type / Cat. No.		Standard Pack
Terminal Block	With Fuse	CAFL4U		25
	Without Fuse	CAFL4UW/F		25
	For 24 V AC/DC			
	For 48 V AC/DC			
	For 110 V AC/DC			
	For 220 V AC/DC			
	For 300 V AC			
End Plate		EPCAFL4U		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Insulated External Shorting Links	2 pole	CA716/2	Imax.: 32 A	100
	3 pole	CA716/3	32 A	50
	4 pole	CA716/4	32 A	50
	10 pole	CA716/10	32 A	20
Marking Tags	On Terminal	CA509/K9		100
	Continuous Tag	CA509/K9F		10
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CAFL4UL



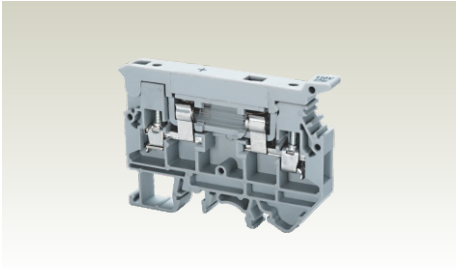
9 x 72 mm			
55.3 mm / 63.0 mm / 60.3 mm			
IEC		UL - CSA	
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 6.0 mm²			
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 2.5 mm²		22 - 12 AWG	
0.2 - 2.5 mm²		22 - 12 AWG	
9.5 mm			
IEC60947-7-3	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
6.3 A	16 A	16 A	
0.5 Nm	7 lb-in	7 lb-in	
CE c UL us c SP us Lloyd's Register			
Polyamide 66 / 1			
5 KV / 3			
Ø¼" x 1", Ø¼" x 1¼" (Ø6.3 x 32 mm)			
24 V AC / DC, 48 V AC / DC, 110 V AC / DC, 220 V AC / DC			

Type / Cat. No.			Standard Pack
CAFL4UL/24V			25
CAFL4UL/48V			25
CAFL4UL/110V			25
CAFL4UL/220V			25
EPCAFL4U			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA716/2	Imax.:	32 A	100
CA716/3		32 A	50
CA716/4		32 A	50
CA716/10		32 A	20
CA509/K9			100
CA509/K9F			10
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10



LED Circuit for offline indication in CAFL4UL24V

CAFL4UN



9 x 72 mm			
55.3 mm / 63.0 mm / 60.3 mm			
IEC		UL - CSA	
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 6.0 mm²			
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 2.5 mm²		22 - 12 AWG	
0.2 - 2.5 mm²		22 - 12 AWG	
9.5 mm			
IEC60947-7-3	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
6.3 A	16 A	16 A	
0.5 Nm	7 lb-in	7 lb-in	
CE c UL us c SP us Lloyd's Register			
Polyamide 66 / 1			
5 KV / 3			
Ø¼" x 1", Ø¼" x 1¼" (Ø6.3 x 32 mm)			
110 - 220 V AC & DC & 300 V AC			

Type / Cat. No.			Standard Pack
CAFL4UN/110V *			25
CAFL4UN/220V			25
EPCAFL4U			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA716/2	Imax.:	32 A	100
CA716/3		32 A	50
CA716/4		32 A	50
CA716/10		32 A	20
CA509/K9			100
CA509/K9F			10
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

* CAFL4UN/110 : 110 - 220 V AC & DC

FUSES

Current Rating	Fast Blow Ø5 x 20mm Cat. No.	Slow Blow Ø5 x 20mm Cat. No.
0.1 A	FB5X200.1A	SB5X200.1A
0.5 A	FB5X200.5A	SB5X200.5A
0.63 A	FB5X200.63A	SB6X320.63A
1 A	FB5X201A	SB5X201A
2 A	FB5X202A	SB5X202A
3 A	FB5X203A	SB5X203A
4 A	FB5X204A	SB5X204A
5 A	FB5X205A	SB5X205A
6 A	FB5X206A	SB5X206A
6.3 A	FB5X206.3A	SB5X206.3A

Current Rating	Fast Blow Ø1/4" x 1 1/4" Cat. No.	
0.1 A	FB6X320.1A	
0.5 A	FB6X320.5A	
0.63 A	FB6X320.63A	
1 A	FB6X321A	
2 A	FB6X322A	
3 A	FB6X323A	
4 A	FB6X324A	
5 A	FB6X325A	
6 A	FB6X326A	
6.3 A	FB6X326.3A	

DOUBLE LEVEL FUSE TERMINAL BLOCKS

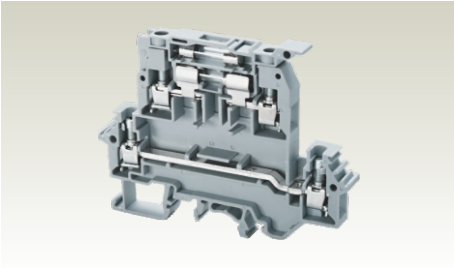
These blocks have a fuse carrier link on the top level and a separate feed through terminal connection at the lower level. This eliminates the use of additional feed through Terminal Blocks.

DDFL4U(E) - specially designed built in circuit gives light indication in the event of a fuse blow out at the top level.

DDFL4ULR - is a modified version of the DDFL4U Terminal Block where two equi-potential connection points are available on both sides of the Terminal Block.

These blocks can be used with AC & DC voltages.

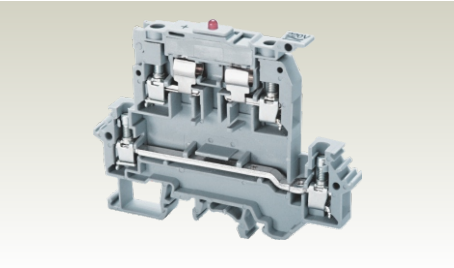
DDFL4U



Width (Thickness) x Length		8 x 88 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		67.4 mm / 74.3 mm / 71.4 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		9.5 mm		
Ratings As Per		IEC60947-7-3	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current	Top Level	6.3 A	6.3 A	6.3 A
	Bottom Level	32 A	35 A	35 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals		CE, cULus, cSPus, Lloyds Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		5 KV / 3		
Fusion Indication				

			Type / Cat. No.		Standard Pack
Terminal Block	With Fuse		DDFL4U		20
	Without Fuse		DDFL4UW/F		20
	For 24 V AC/DC				
	For 48 V AC/DC				
	For 110 V AC/DC				
	For 220 V AC/DC				
	For 440 V AC				
End Plate			EPDDFL4U		20
Mounting Rail (Refer Pg. 184 for details)			CA701		50 m
			CA701-15		50 m
			CA501		50 m
End Clamp (Refer Pg. 185 for details)			CA702		50
			CA802		50
			CA202		50
Pre Assembled Shorting Links	2 pole		CA729/2	Imax.: 32 A	100
	3 pole		CA729/3	32 A	50
	4 pole		CA729/4	32 A	50
	10 pole		CA729/10	32 A	10
	100 pole				
Insulated Pre Assembled Shorting Link	2 pole		CA749/2	Imax.: 32 A	100
	3 pole		CA749/3	32 A	50
	4 pole		CA749/4	32 A	50
	10 pole		CA749/10	32 A	10
	100 pole				
Permanent Shorting Links	2 pole		CA703/6	Imax.: 32 A	100
	3 pole		CA704/6	32 A	100
	4 pole		CA705/6	32 A	100
	10 pole		CA737/10	32 A	100
Short Sleeve & Screw for Permanent Shorting Links			CA707/S/Q/3		100
Insulated External Shorting Links	2 pole		CA711/2	Imax.: 32 A	100
	3 pole		CA711/3	32 A	50
	4 pole		CA711/4	32 A	50
	10 pole		CA711/10	32 A	20
Marking Tags	On Terminal		CA509/K8		100
	On Fuse Carrier		CA509/K2		100
Screw Driver			SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

DDFL4UE



8 x 88 mm

67.4 mm / 74.3 mm / 71.4 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9.5 mm

IEC60947-7-3	UL-1059	CSA22.2-158
800 V	600 V	600 V
6.3 A 32 A	6.3 A 35 A	6.3 A 35 A
0.5 Nm	7 lb-in	7 lb-in

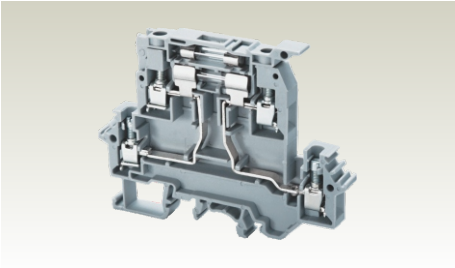
Polyamide 66 / 1

5 KV / 3

24 V AC / DC, 48 V AC / DC,
110 V AC / DC, 220 V AC / DC, 440 V AC

Type / Cat. No.			Standard Pack
DDFL4UE/24V			20
DDFL4UE/48V			20
DDFL4UE/110V			20
DDFL4UE/220V			20
DDFL4UE/440V			20
EPDDFL4U			20
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA202			50
CA729/2	Imax.:	32 A	100
CA729/3		32 A	50
CA729/4		32 A	50
CA729/10		32 A	10
CA749/2	Imax.:	32 A	100
CA749/3		32 A	50
CA749/4		32 A	50
CA749/10		32 A	10
CA703/6	Imax.:	32 A	100
CA704/6		32 A	100
CA705/6		32 A	100
CA737/10		32 A	100
CA707/S/Q/3			100
CA711/2	Imax.:	32 A	100
CA711/3		32 A	50
CA711/4		32 A	50
CA711/10		32 A	20
CA509/K8			100
CA509/K2			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

DDFL4ULR



8 x 88 mm

67.4 mm / 74.3 mm / 71.4 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9.5 mm

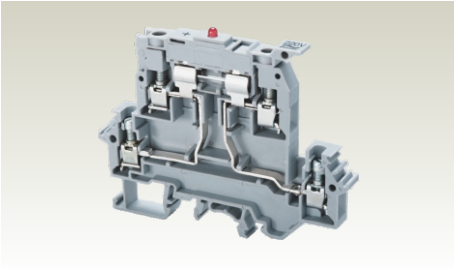
IEC60947-7-3	UL-1059	CSA22.2-158
800 V	600 V	600 V
6.3 A	6.3 A	6.3 A
0.5 Nm	7 lb-in	7 lb-in

Polyamide 66 / 1

5 KV / 3

Type / Cat. No.			Standard Pack
DDFL4ULR			20
DDFL4ULRW/F			20
EPDDFL4U			20
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA202			50
CA729/2	Imax.:	32 A	100
CA729/3		32 A	50
CA729/4		32 A	50
CA729/10		32 A	10
CA749/2	Imax.:	32 A	100
CA749/3		32 A	50
CA749/4		32 A	50
CA749/10		32 A	10
CA703/6	Imax.:	32 A	100
CA704/6		32 A	100
CA705/6		32 A	100
CA737/10		32 A	100
CA707/S/Q/3			100
CA711/2	Imax.:	32 A	100
CA711/3		32 A	50
CA711/4		32 A	50
CA711/10		32 A	20
CA509/K8			100
CA509/K2			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

DDFL4UELR



8 x 88 mm

67.4 mm / 74.3 mm / 71.4 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9.5 mm

IEC60947-7-3	UL-1059	CSA22.2-158
800 V	600 V	600 V
6.3 A	6.3 A	6.3 A
0.5 Nm	7 lb-in	7 lb-in

Polyamide 66 / 1

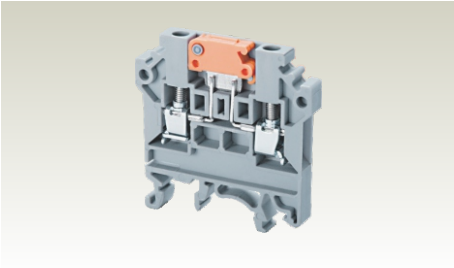
5 KV / 3

24 V AC / DC, 48 V AC / DC,
110 V AC / DC, 220 V AC / DC, 440 V AC

Type / Cat. No.			Standard Pack
DDFL4UELR/24V			20
DDFL4UELR/48V			20
DDFL4UELR/110V			20
DDFL4UELR/220V			20
DDFL4UELR/440V			20
EPDDFL4U			20
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA202			50
CA729/2	Imax.:	32 A	100
CA729/3		32 A	50
CA729/4		32 A	50
CA729/10		32 A	10
CA749/2	Imax.:	32 A	100
CA749/3		32 A	50
CA749/4		32 A	50
CA749/10		32 A	10
CA703/6	Imax.:	32 A	100
CA704/6		32 A	100
CA705/6		32 A	100
CA737/10		32 A	100
CA707/S/Q/3			100
CA711/2	Imax.:	32 A	100
CA711/3		32 A	50
CA711/4		32 A	50
CA711/10		32 A	20
CA509/K8			100
CA509/K2			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

DISCONNECT & TEST TERMINAL BLOCKS

CKT4U



These blocks are used for measuring, control and regulatory circuits.

In CKT4U & CKT4U/4 Disconnection is achieved by lifting a lever which operates the knife contact.

Specially designed socket headed screws act as test monitoring points in these Terminal Blocks.

CKT4U/S is another version of CKT4U Terminal Block in which regular slotted screws are used instead of specially designed socket headed screws.

CKT4SP terminal provides a possibility of using an internal shorting link for cross connection.

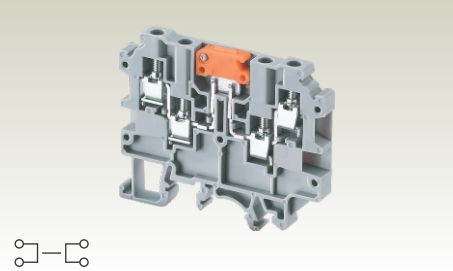
CF4SPFT feed through terminals have the same profile as that of the CF4SP and CKT4SP Terminal Block.

CF4SP & CKT4SP series terminal are completely closed and do not need a separate end plate.

Width (Thickness) x Length		6 x 46.3 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		48.3 mm / 56.0 mm / 54.5 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		8 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		28 A	35 A	16 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block	With Socket Headed Screw	CKT4U		50
	With Standard Slotted Screw	CKT4U/S		50
End Plate		EPCKT4U		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Pre Assembled Shorting Links	2 pole			
	3 pole			
	4 pole			
	10 pole			
	100 pole			
Insulated Pre Assembled Shorting Link	2 pole			
	3 pole			
	4 pole			
	10 pole			
	100 pole			
Permanent Shorting Links	2 pole			
	3 pole			
	4 pole			
	10 pole			
	10 pole (Breakable)			
	100 pole			
Short Sleeve & Screw for Permanent Shorting Links				
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	50
	4 pole	CA714/4	32 A	50
	10 pole	CA714/10	32 A	20
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CKT4U/4



6 x 65 mm

54.3 mm / 62.0 mm / 60.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 12 AWG

8 mm

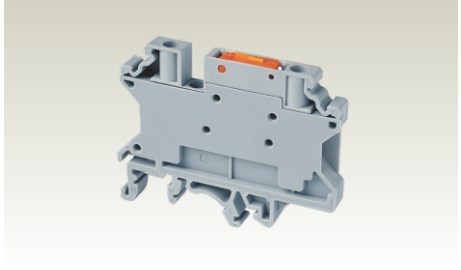
IEC60947-7-1	UL-1059	CSA22.2-158	
800 V	600 V	600 V	
17.5 A	20 A	20 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CKT4U/4*			100
EPCKT4U/4			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA714/2#	Imax.:	32 A	100
CA714/3#		32 A	100
CA714/4#		32 A	100
CA714/10#		32 A	20
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CKT4SP



6 x 58.5 mm

46.0 mm / 53.5 mm / 51.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 2.5 mm²	24 - 12 AWG

8 mm

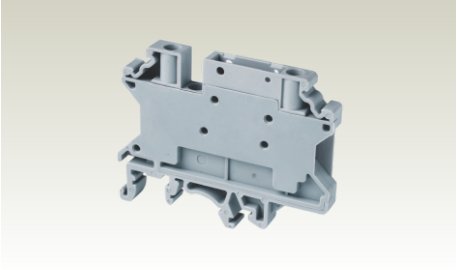
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
28 A	30 A	30 A	
0.5 Nm	4.5 lb-in	4.5 lb-in	

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CKT4SP			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2	Imax.:	32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CF4SPFT



6 x 58.5 mm

46.0 mm / 53.5 mm / 51.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 2.5 mm²	24 - 12 AWG

8 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
32 A	30 A	30 A	
0.5 Nm	4.5 lb-in	4.5 lb-in	

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CF4SPFT			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA722/2	Imax.:	32 A	100
CA722/3		32 A	100
CA722/4		32 A	100
CA722/10		32 A	10
CA722/100		32 A	10
CA742/2	Imax.:	32 A	100
CA742/3		32 A	100
CA742/4		32 A	100
CA742/10		32 A	10
CA742/100		32 A	10
CA703/1	Imax.:	32 A	100
CA704/1		32 A	100
CA705/1		32 A	100
CA732/10		32 A	100
CA732/10-A		32 A	100
CA732/100		32 A	10
CA707/S/Q/01			100
CA714/2	Imax.:	32 A	100
CA714/3		32 A	100
CA714/4		32 A	100
CA714/10		32 A	20
CA509/K6			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

* CKT4U/4 Terminal has standard screws on the upper level clamps and socket screws on the lower level clamps.
\# Insulated External shorting links can be used only in the upper level clamping unit of the Terminal Block.

DISCONNECT & TEST TERMINAL BLOCKS

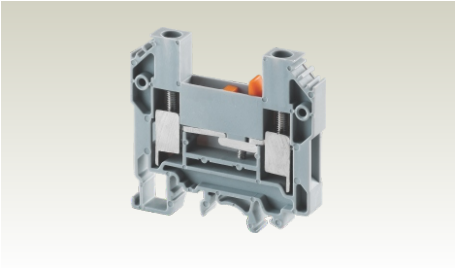
These blocks are used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

In CDTTU & CDTTUSH disconnection is achieved by means of a slide link operated with a screw driver.

Specially designed socket headed screws act as test monitoring points in Disconnecting & Test Terminal Blocks.

CDTTUFT is a standard feed through terminal with the same profile as that of CDTTU.

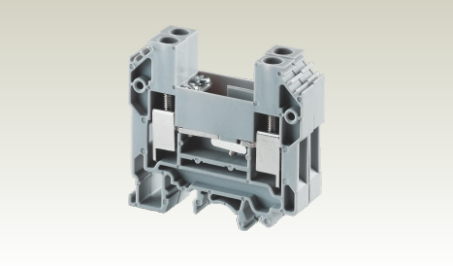
CDTTU



Width (Thickness) x Length		8 x 63 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		58.7 mm / 65.7 mm / 63.7 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 10.0 mm^2		16 - 8 AWG
	Solid	1.5 - 10.0 mm^2		
	with Ferrule / Lug	1.5 - 10.0 mm^2		16 - 8 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	1.5 - 4.0 mm^2		16 - 10 AWG
	with TWIN Ferrule / Lug	1.5 - 4.0 mm^2		16 - 10 AWG
Wire Stripping Length		12 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		57 A	41 A	41 A
Torque		1.2 Nm	14 lb-in	14 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CDTTU		50
End Plate		EPCDTTU		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Insulated External Shorting Links	2 pole	CA710/2	Imax.: 41 A	100
	3 pole	CA710/3	41 A	50
	4 pole	CA710/4	41 A	50
	10 pole	CA710/10	41 A	20
Shorting Plug	2 pole	QJ8/2		25
Marking Tags (Refer Pg. 187 for details)		CA509/K8		100
Screw Driver		SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

CDTTUSH



16 x 63 mm

58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 10.0 mm^2	16 - 8 AWG
1.5 - 10.0 mm^2	
1.5 - 10.0 mm^2	16 - 8 AWG
1.5 - 4.0 mm^2	16 - 10 AWG
1.5 - 4.0 mm^2	16 - 10 AWG

12 mm

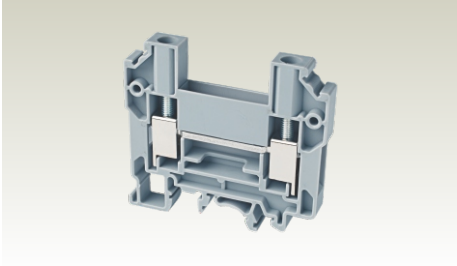
IEC60947-7-1	UL-1059	CSA22.2-158	
160 V	300 V	300 V	
10 A	25 A	25 A	
1.2 Nm	14 lb-in	14 lb-in	

Polyamide 66 / 1

2.5 KV / 3

Type / Cat. No.			Standard Pack
CDTTUSH			50
EPCDTTU			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA710/2	Imax.:	41 A	100
CA710/3		41 A	50
CA710/4		41 A	50
CA710/10		41 A	20
QJ8/2			25
CA509/K8			100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10

CDTTUFT



8 x 63 mm

58.7 mm / 65.7 mm / 63.7 mm

IEC	UL - CSA
1.5 - 10.0 mm^2	16 - 8 AWG
1.5 - 10.0 mm^2	
1.5 - 10.0 mm^2	16 - 8 AWG
1.5 - 4.0 mm^2	16 - 10 AWG
1.5 - 4.0 mm^2	16 - 10 AWG

12 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
800 V	600 V	600 V	
57 A	41 A	41 A	
1.2 Nm	14 lb-in	14 lb-in	

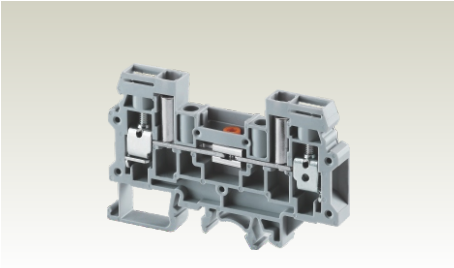
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CDTTUFT			50
EPCDTTU			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA710/2	Imax.:	41 A	100
CA710/3		41 A	50
CA710/4		41 A	50
CA710/10		41 A	20
CA509/K8			100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10

DISCONNECT & TEST TERMINAL BLOCKS

CDS6U



The CDS6U Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

Separate testing points facilitate insertion of test probes. Disconnection is achieved by means of a slide link operated with a Screw Driver.

In the CDS6U/TS, the insulated test point screw system (TPSLS) is integrated.

CDS6U/FT Terminal Block is a standard feed through Terminal Block.

In the CDS6U/SC Disconnect & Test Terminal Block, an additional safety spring is provided underneath the screw clamp. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEGB regulations and NTPC applications.

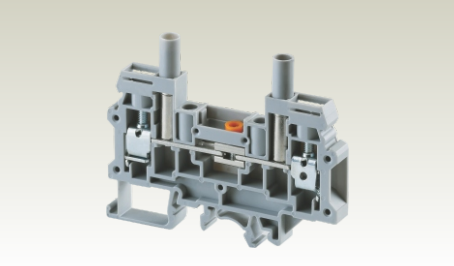
The SLS2 and SLS4 slide shorting link can be used in combination with either the supplied screw or the TPSLS Test point screw system.

Lock out cap LCCDS can be used to lock the center shorting screw, to prevent accidental opening of circuits.

Width (Thickness) x Length		8 x 82 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		51.0 mm / 59.2 mm / 56.7 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 6.0 mm^2		22 - 8 AWG
	Solid	0.2 - 10.0 mm^2		
	with Ferrule / Lug	0.2 - 6.0 mm^2		22 - 8 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	with TWIN Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
Wire Stripping Length		10 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		41 A	45 A	45 A
Torque		0.8 Nm	14 lb-in	14 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CDS6U		50
End Plate		EPCDS6U		25
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Pre Assembled Shorting Link	2 pole	CA723/2	Imax.: 41 A	100
	3 pole	CA723/3	41 A	50
	4 pole	CA723/4	41 A	50
	5 pole	CA723/5	41 A	50
	6 pole	CA723/6	41 A	10
	10 pole	CA723/10	41 A	10
Slide Shorting Link	2 Pole	SLS2	Imax.: 41 A	50
	3 Pole	SLS3	41 A	25
	4 Pole	SLS4	41 A	25
Insulated Test Socket	Grey	TPSLS		100
	Red	TPSLSR		100
	Yellow	TPSLSY		100
	Blue	TPSLSBU		100
	Black	TPSLSBK		100
Switchable Link Assembly		SWCDS	Imax.: 41 A	50
Lock Out Cap		LCCDS		50
Shorting Plug	2 pole	QJ8/2		25
Marking Tags (Refer Pg. 187 for details)		CA509/K8		100
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm	10

CDS6U/TS



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

10 mm

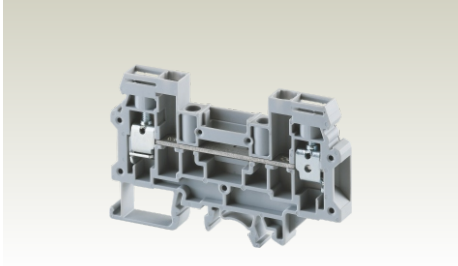
IEC60947-7-1	UL-1059	CSA22.2-158
630 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CDS6U/TS		50
EPCDS6U		25
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA723/2	Imax.: 41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SLS2	Imax.: 41 A	50
SLS3	41 A	25
SLS4	41 A	25
SWCDS	Imax.: 41 A	50
LCCDS		50
QJ8/2		25
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CDS6U/FT



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

10 mm

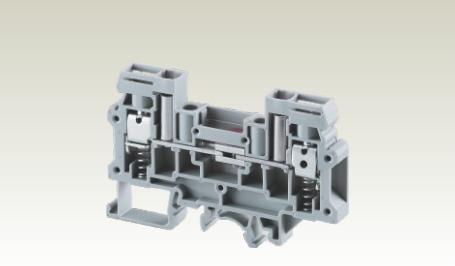
IEC60947-7-1	UL-1059	CSA22.2-158
1000 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CDS6U/FT		50
EPCDS6U		25
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA723/2	Imax.: 41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SWCDS	Imax.: 41 A	50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CDS6U/SC



8 x 82 mm

51.0 mm / 59.2 mm / 56.7 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

10 mm

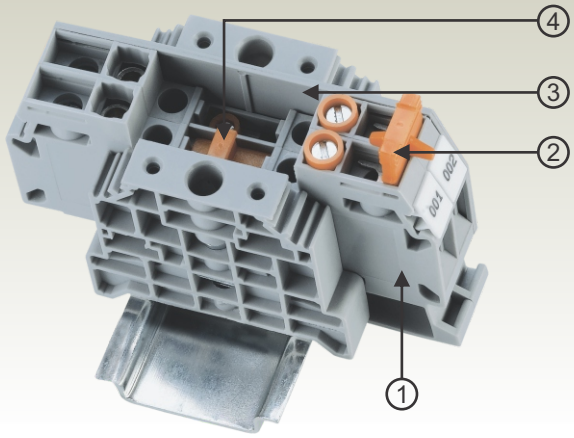
IEC60947-7-1	UL-1059	CSA22.2-158
800 V	600 V	600 V
41 A	45 A	45 A
0.8 Nm	14 lb-in	14 lb-in

Polyamide 66 / 1

8 KV / 3

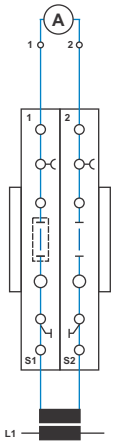
Type / Cat. No.		Standard Pack
CDS6U/SC		50
EPCDS6U		25
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA723/2	Imax.: 41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/5	41 A	50
CA723/6	41 A	10
CA723/10	41 A	10
SLS2	Imax.: 41 A	50
SLS3	41 A	25
SLS4	41 A	25
TPSLS		100
TPSLSR		100
TPSLSY		100
TPSLSBU		100
TPSLSBK		100
SWCDS	Imax.: 41 A	50
LCCDS		50
QJ8/2		25
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Usage of CDS6U range of products in Simple Current Transformer Test Circuit



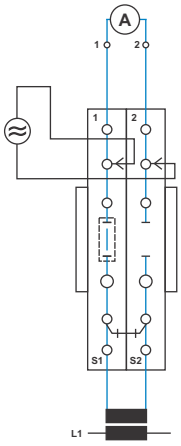
No.	Cat. No.	Qty.
1	CDS6U	2
2	SLS2	1
3	EPCDS6U	1
4	LCCDS	1

Operating status



SLS2 in open condition

Meter test for L1 through external power supply

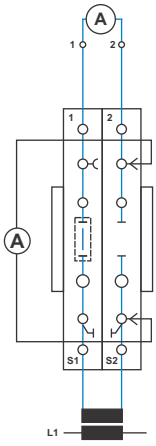


Closing of SLS2

Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 2.
3) Connect external power supply to test sockets of terminals 1 and 2.

Comparison measurement for L1

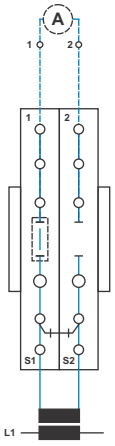


SLS2 in open condition

Sequence for test :

1) Remove SLS2 screw from terminal 2.
2) Connect ammeter to test sockets of terminal 2.
3) Open disconnect slide link of terminal 2.

Changing the meter for L1

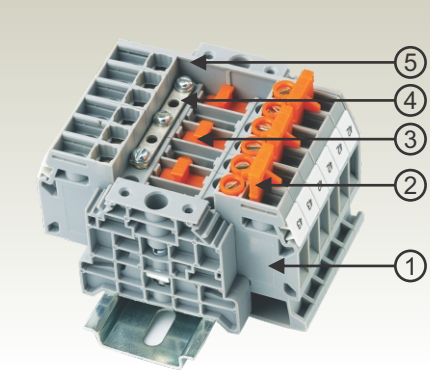


Closing of SLS2

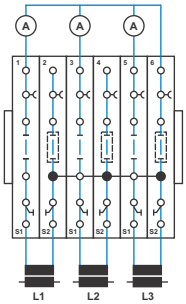
Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 2.
3) Disconnect meter for L1 at terminals 1 and 2.

Usage of CDS6U range of products in 3 Phase Current Transformer Test Set

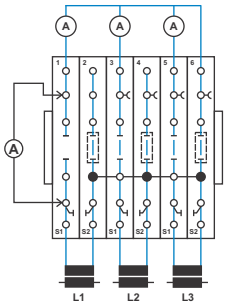


No.	Cat. No.	Qty.
1	CDS6U	6
2	SLS2	3
3	LCCDS	3
4	CA723/5	1
5	EPCDS6U	1



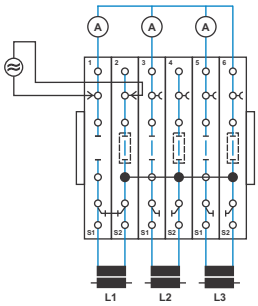
Operating status
(with internal distribution of the k-point)

SLS2 in open condition



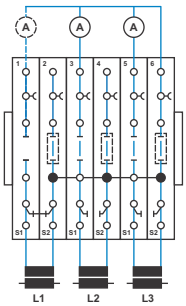
Comparison measurement for L1

Sequence for test :
1) Remove SLS2 screw from terminal 1.
2) Connect ammeter to test sockets of terminal 1.
3) Open disconnect slide link of terminal 1.



Meter test for L1 through external power supply

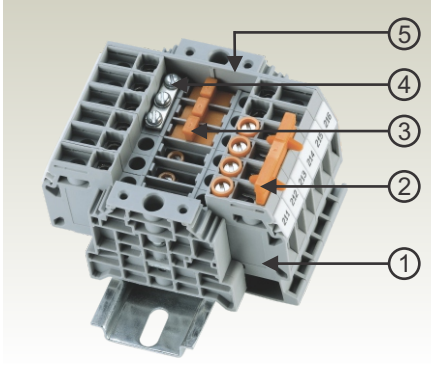
Sequence for test :
1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 1.
3) Connect external power supply to test sockets of terminals 1 and 2.



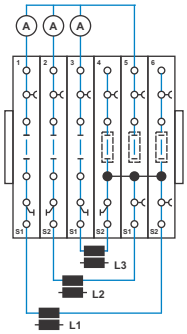
Changing the meter for L1

Sequence for test :
1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 1.
3) Disconnect meter for L1.

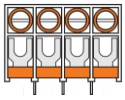
Usage of CDS6U range of products in 3 Phase Linked Current Transformer Test Set



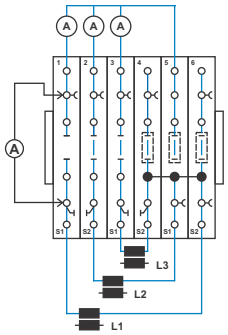
No.	Cat. No.	Qty.
1	CDS6U	6
2	SLS4	1
3	LCCDS	3
4	CA723/3	1
5	EPCDS6U	1



Operating status

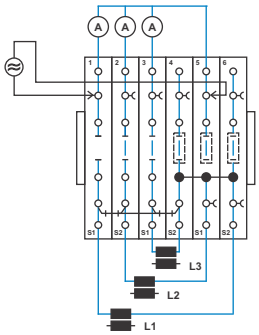


SLS4 in open condition



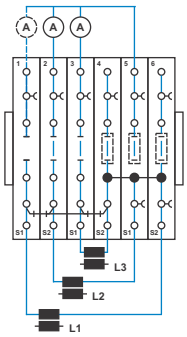
Comparison measurement for L1

Sequence for test :
1) Remove SLS4 screw from terminal 1.
2) Connect ammeter to test sockets of terminal 1.
3) Open disconnect slide link of terminal 1.



Meter test for L1 through external power supply

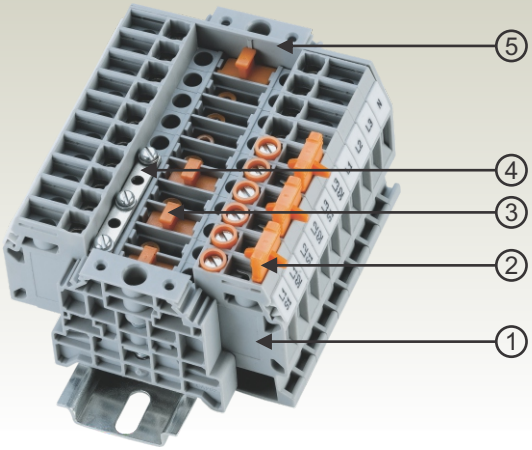
Sequence for test :
1) Close short circuit slide SLS4 of terminals 1,2, 3 and 4.
2) Open disconnect slide link of terminal 1.
3) Connect external power supply to test sockets of terminals 1and 5.



Changing the meter for L1

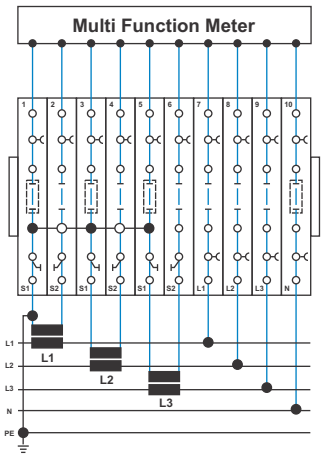
Sequence for test :
1) Close short circuit slide SLS4 of terminals 1,2, 3 and 4.
2) Open disconnect slide link of terminal 1.
3) Disconnect meter for L1.

Usage of CDS6U Test Disconnect Terminal Block for 3 Phase 4 wire multi function meter



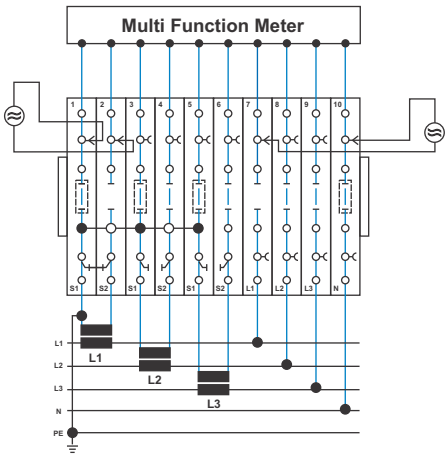
No.	Cat. No.	Qty.
1	CDS6U	10
2	SLS2	3
3	LCCDS	4
4	CA723/5	1
5	EPCDS6U	1

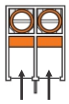
Operating status



SLS2 in open condition

Meter test for L1 through external power supply



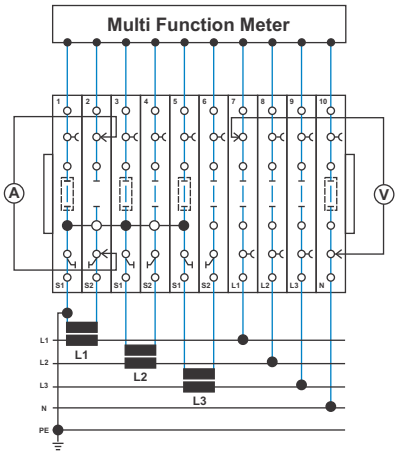


Closing of SLS2

Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 2 and 7.
3) Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Comparison measurement for L1

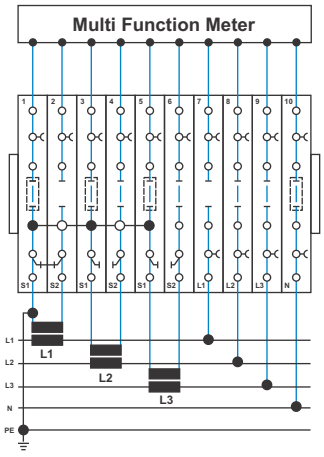


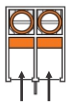
SLS2 in open condition

Sequence for test :

1) Remove SLS2 screw from terminal 2.
2) Connect ammeter to test sockets of terminal 2.
3) Open disconnect slide link of terminal 2.
4) Connect voltameter to test sockets of terminals 7 and 10.

Changing the meter for L1



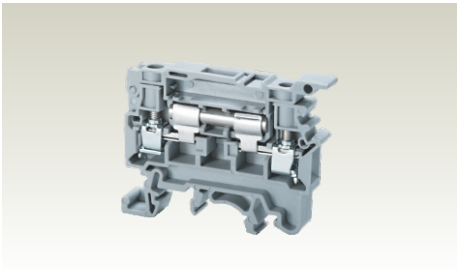
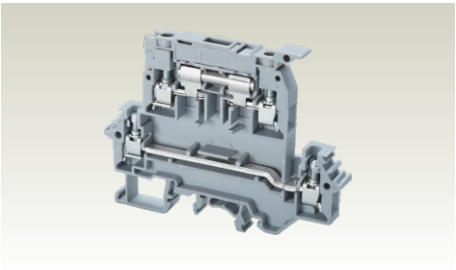


Closing of SLS2

Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 2 and 7.
3) Disconnect meter for L1 at terminals 1, 2 and 7.

DISCONNECT & TEST TERMINAL BLOCKS

		CSDL4U				DDDL4U			
									
Width (Thickness) x Length		8 x 58 mm				8 x 88 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		44.5 mm / 52.0 mm / 49.4 mm				67.4 mm / 74.3 mm / 71.4 mm			
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm²		22 - 10 AWG		0.2 - 4.0 mm²		22 - 10 AWG	
	Solid	0.2 - 6.0 mm²				0.2 - 6.0 mm²			
	with Ferrule / Lug	0.2 - 4.0 mm²		22 - 10 AWG		0.2 - 4.0 mm²		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm²		22 - 12 AWG		0.2 - 2.5 mm²		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm²		22 - 12 AWG		0.2 - 2.5 mm²		22 - 12 AWG	
Wire Stripping Length		9.5 mm				9.5 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage		1000 V	600 V	600 V		800 V	600 V	600 V	
Current	Top Level	10 A	14 A	14 A		10 A	6.3 A	14 A	
	Bottom Level					32 A	35 A	32 A	
Torque		0.5 Nm	7 lb-in	7 lb-in		0.5 Nm	7 lb-in	7 lb-in	
Approvals		CE, cULus, cCSAus, Lloyds Register				CE, cULus, cCSAus, Lloyds Register			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		5 KV / 3				5 KV / 3			
		Type / Cat. No.			Standard Pack	Type / Cat. No.			Standard Pack
Terminal Block		CSDL4U			100	DDDL4U			100
End Plate		EPCSFL4U			50	EPDDFL4U			50
Mounting Rail (Refer Pg. 184 for details)		CA701			50 m	CA701			50 m
		CA701-15			50 m	CA701-15			50 m
		CA501			50 m	CA501			50 m
End Clamp (Refer Pg. 185 for details)		CA702			50	CA702			50
		CA802			50	CA802			50
Pre Assembled Shorting Links	2 pole					CA729/2	Imax.:	32 A	100
	3 pole					CA729/3		32 A	50
	4 pole					CA729/4		32 A	50
	10 pole					CA729/10		32 A	10
Insulated Pre Assembled Shorting Link	2 pole					CA749/2	Imax.:	32 A	100
	3 pole					CA749/3		32 A	50
	4 pole					CA749/4		32 A	50
	10 pole					CA749/10		32 A	10
Permanent Shorting Links	2 pole					CA703/6	Imax.:	32 A	100
	3 pole					CA704/6		32 A	50
	4 pole					CA705/6		32 A	50
	10 pole					CA737/10		32 A	10
Short Sleeve & Screw for Permanent Shorting Links						CA707/S/Q/3			100
Insulated External Shorting Links	2 pole	CA711/2	Imax.:	32 A	100	CA711/2	Imax.:	32 A	100
	3 pole	CA711/3		32 A	100	CA711/3		32 A	100
	4 pole	CA711/4		32 A	100	CA711/4		32 A	100
	10 pole	CA711/10		32 A	20	CA711/10		32 A	20
Marking Tags	On Terminal	CA509/K8			100	CA509/K8			100
	On Carrier	CA509/K2			100	CA509/K2			100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

DISTRIBUTION BLOCKS

The CDB range of Distribution Blocks is an ideal choice for a simplified distribution system. A bolt in the center of the block provides a connection point for the incoming cable. All the terminals are internally connected and provide multiple connection points for the outgoing wires. A protective shield effectively shrouds the incoming connection.

CDB4(1) blocks are recommended for applications where the input connection point is located at one end instead of the center.

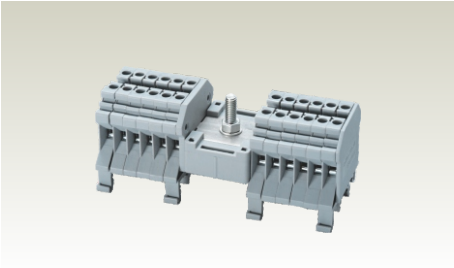
CMDB blocks are a modified version of the CDB Terminal Blocks without the central incoming terminal connection.

Note:
Sum of outgoing currents on either side of the center should not exceed half the maximum permissible incoming current

Sum of total outgoing currents should not exceed maximum permissible incoming current.

Connection for higher outgoing currents should be done through the terminal nearest to the incoming connection.

CDB4



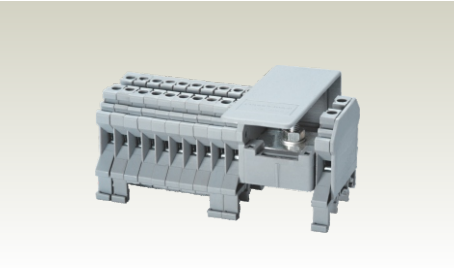
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.2 mm / 53.7 mm / 51.1 mm		
Wire size at Input		16.0 mm^2 / 8 AWG		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		8 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current	Input	64 A	50 A	50 A
	Total Output (on either side of Input)	32 A	35 A	25 A
Torque	Input	2.0 Nm	26 lb-in	26 lb-in
	Output	0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

	Type / Cat. No.	No. of Outputs	Standard Pack
Terminal Block	CDB4/1	4	10
	CDB4/2	8	10
	CDB4/3	12	10
	CDB4/4	16	10
	CDB4/5	20	10
	CDB4/6	24	10

Mounting Rail (Refer Pg. 184 for details)	CA701		50 m
	CA701-15		50 m
	CA501		50 m
End Clamp (Refer Pg. 185 for details)	CA702		50
	CA802		50
Marking Tags (Refer Pg. 187 for details)	CA509/K6		100
Screw Driver	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CDB4/1	45 x 43 x 44	4
CDB4/2	45 x 43 x 56	8
CDB4/3	45 x 43 x 68	12
CDB4/4	45 x 43 x 80	16
CDB4/5	45 x 43 x 96	20
CDB4/6	45 x 43 x 108	24

CDB4(1)



46.2 mm / 53.7 mm / 51.1 mm

16.0 mm^2 / 8 AWG

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

8 mm

IEC60947-7-1 UL-1059 CSA22.2-158

800 V	600 V	600 V
64 A 64 A*	50 A 50 A	50 A 25 A
2.0 Nm 0.5 Nm	26 lb-in 7 lb-in	26 lb-in 7 lb-in

Polyamide 66 / 1

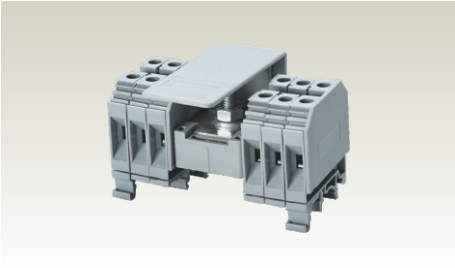
8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CDB4/2(1)	6	10
CDB4/3(1)	8	10
CDB4/4(1)	10	10
CDB4/5(1)	12	10
CDB4/6(1)	14	10
CDB4/10(1)	22	10
CDB4/11(1)	24	10
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702 CA802		50 50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CDB4/2(1)	45 x 43 x 52	6
CDB4/3(1)	45 x 43 x 58	8
CDB4/4(1)	45 x 43 x 64	10
CDB4/5(1)	45 x 43 x 70	12
CDB4/6(1)	45 x 43 x 76	14
CDB4/10(1)	45 x 43 x 100	22
CDB4/11(1)	45 x 43 x 106	24

* Total output current of the system.

CDB6



47.8 mm / 55.5 mm / 52.8 mm

25.0 mm^2 / 2 AWG

IEC	UL - CSA
1.5 - 6.0 mm^2	22 - 8 AWG
1.5 - 10.0 mm^2	
1.5 - 6.0 mm^2	22 - 8 AWG
1.5 - 4.0 mm^2	22 - 10 AWG
1.5 - 4.0 mm^2	22 - 10 AWG

9 mm

IEC60947-7-1 UL-1059 CSA22.2-158

800 V	600 V	600 V
82 A 41 A	100 A 50 A	100 A 50 A
3.0 Nm 0.8 Nm	35 lb-in 14 lb-in	35 lb-in 14 lb-in

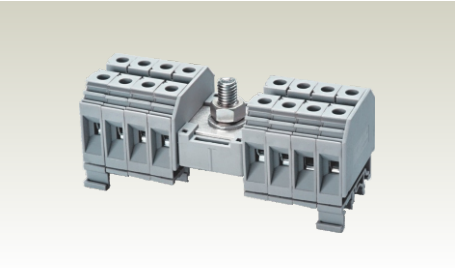
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CDB6/2	8	10
CDB6/3	12	10
CDB6/4	16	10
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702 CA802		50 50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CDB6/2	43 x 48 x 64	8
CDB6/3	43 x 48 x 80	12
CDB6/4	43 x 48 x 96	16

CDB10



47.8 mm / 55.5 mm / 52.8 mm

35.0 mm^2 / 1/0 AWG

IEC	UL - CSA
1.5 - 10 mm^2	16 - 1/0 AWG
1.5 - 10 mm^2	22 - 6 AWG
1.5 - 6 mm^2	22 - 8 AWG
1.5 - 6 mm^2	22 - 8 AWG

11 mm

IEC60947-7-1 UL-1059 CSA22.2-158

800 V	600 V	600 V
114 A 57 A	130 A 65 A	130 A 65 A
6.0 Nm 1.2 Nm	53 lb-in 14 lb-in	53 lb-in 14 lb-in

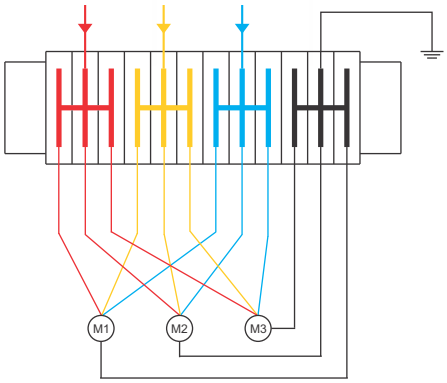
Polyamide 66 / 1

8 KV / 3

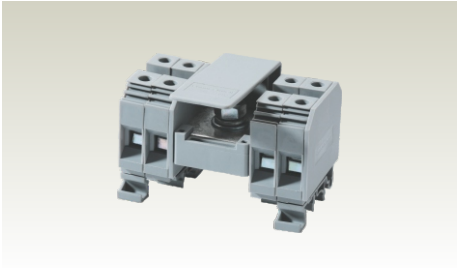
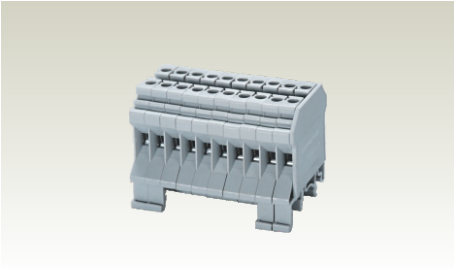
Type / Cat. No.	No. of Outputs	Standard Pack
CDB10/2	8	10
CDB10/3	12	10
CDB10/4	16	5
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702 CA802		50 50
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CDB10/2	43 x 48 x 72	8
CDB10/3	43 x 48 x 92	12
CDB10/4	43 x 48 x 112	16

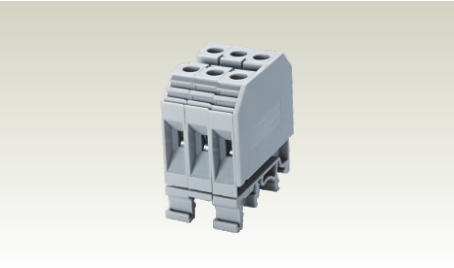
Phase Distribution Application with CDB Terminals



DISTRIBUTION BLOCKS

	CDB25				CMDB4			
								
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	57.2 mm / 64.7 mm / 62.3 mm				46.2 mm / 53.7 mm / 51.1 mm			
Wire size at Input	50.0 mm^2 / 2/0 AWG							
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp – Stranded / Flexible	6.0 - 25 mm^2		12 - 2/0 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
With 1 Conductor per clamp – Solid					0.2 - 6.0 mm^2			
With 1 Conductor per clamp – with Ferrule / Lug	6.0 - 25 mm^2		12 - 2/0 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
With 2 same size Conductors per clamp – Stranded / Flexible	6.0 - 16 mm^2		12 - 8 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
With 2 same size Conductors per clamp – with TWIN Ferrule / Lug	6.0 - 16 mm^2		12 - 8 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
Wire Stripping Length	14 mm				8 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059		
Voltage	800 V	600 V	600 V		1000 V	600 V		
Current – Input	150 A	150 A	150 A		32 A	35 A		
Current – Total Output (on either side of Input)	75 A	75 A	150 A					
Torque – Input	6.0 Nm	53 lb-in			0.5 Nm	7 lb-in		
Torque – Output	2.0 Nm	14 lb-in						
Approvals								
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3				8 KV / 3			
	Type / Cat. No.	**No. of Outputs**	**Standard Pack**		**Type / Cat. No.**	**No. of Outputs**	**Standard Pack**	
Terminal Block	CDB25/2	8	10		CMDB4/2	4	10	
	CDB25/3	12	10		CMDB4/3	6	10	
	CDB25/4	16	5		CMDB4/4	8	10	
					CMDB4/10	20	10	
Mounting Rail (Refer Pg. 184 for details)	CA701		50 m		CA701		50 m	
	CA701-15		50 m		CA701-15		50 m	
	CA501		50 m		CA501		50 m	
End Clamp (Refer Pg. 185 for details)	CA702		50		CA702		50	
	CA802		50		CA802		50	
Marking Tags (Refer Pg. 187 for details)	CA509/K12		100		CA509/K6		100	
Screw Driver	SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	
	Type / Cat. No.	**H x W x T (mm)**	**No. of Output**		**Type / Cat. No.**	**H x W x T (mm)**	**No. of Output**	
	CDB25/2	56 x 49 x 88	8		CMDB4/2	45 x 43 x 13.5	4	
	CDB25/3	56 x 49 x 112	12		CMDB4/3	45 x 43 x 19.5	6	
	CDB25/4	56 x 49 x 136	16		CMDB4/4	45 x 43 x 25.5	8	
					CMDB4/10	45 x 43 x 61.5	20	

CMDB6



47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 4.0 mm²	22 - 10 AWG
1.5 - 4.0 mm²	22 - 10 AWG
9 mm	
IEC60947-7-1	UL-1059
1000 V	600 V
41 A	50 A
0.8 Nm	14 lb-in

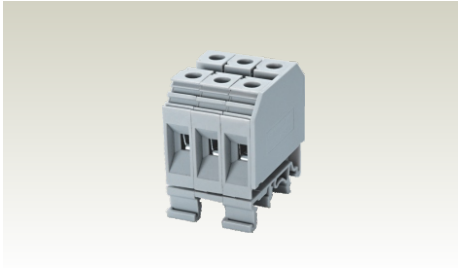
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CMDB6/2	4	10
CMDB6/3	6	10
CMDB6/4	8	10
CMDB6/10	20	5
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CMDB6/2	43 x 48 x 17.5	4
CMDB6/3	43 x 48 x 25.5	6
CMDB6/4	43 x 48 x 33.5	8
CMDB6/10	43 x 48 x 81.5	20

CMDB10



47.8 mm / 55.5 mm / 52.8 mm

IEC	UL - CSA
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 10 AWG
1.5 - 6.0 mm²	22 - 10 AWG
11 mm	
IEC60947-7-1	UL-1059
1000 V	600 V
57 A	65 A
1.2 Nm	14 lb-in

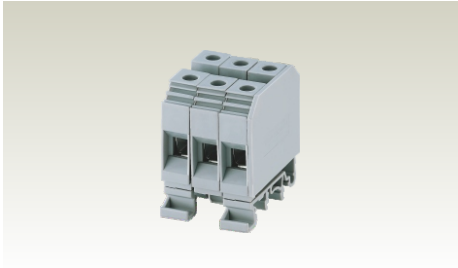
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CMDB10/2	4	10
CMDB10/3	6	10
CMDB10/4	8	10
CMDB10/10	20	5
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CMDB10/2	43 x 48 x 21.5	4
CMDB10/3	43 x 48 x 31.5	6
CMDB10/4	43 x 48 x 41.5	8
CMDB10/10	43 x 48 x 101.5	20

CMDB25



57.2 mm / 64.7 mm / 62.3 mm

IEC	UL - CSA
6.0 - 25.0 mm²	12 - 4 AWG
6.0 - 25.0 mm²	12 - 4 AWG
6.0 - 16.0 mm²	12 - 6 AWG
6.0 - 16.0 mm²	12 - 8 AWG
14 mm	
IEC60947-7-1	UL-1059	CSA22.2-158
800 V	600 V	600 V
101 A	85 A	85 A
2.0 Nm	22 lb-in	22 lb-in

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	No. of Outputs	Standard Pack
CMDB25/2	4	10
CMDB25/3	6	10
CMDB25/4	8	10
CMDB25/10	20	5
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA509/K12		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

Type / Cat. No.	H x W x T (mm)	No. of Output
CMDB25/2	56 x 49 x 26	4
CMDB25/3	56 x 49 x 38	6
CMDB25/4	56 x 49 x 50	8

COMPACT DISTRIBUTION BLOCKS

DB16

Compact Distribution Block is used for single phase distribution systems. These blocks can either be mounted on a Din Rail or can be panel mounted.

These blocks are completely shrouded and offer IP 20 protection.

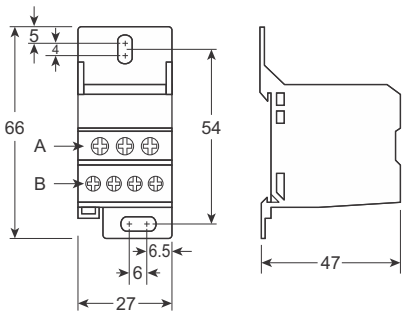
Width (Thickness) x Length	27 x 66 mm
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	50.8 mm / 57.8 mm
Total number of connection points	7

Connection Possibility as per		IEC	UL - CSA
At 1 Connection Point (Input)	Wire Range		
	Stripping Length		
	Torque		
At Position A in diagram below	Wire Range	6 - 16 mm^2	8 - 4 AWG
	Stripping Length	15 mm	15 mm
	Torque	1.2 Nm	14 lb-in
At Position B in diagram below	Wire Range	2.5 - 6 mm^2	14 - 10 AWG
	Stripping Length	9 mm	9 mm
	Torque	0.8 Nm	7 lb-in
At Position C in diagram below	Wire Range		
	Stripping Length		
	Torque		

Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	1000 V	600 V	600 V
Current	76 A	80 A	80 A
Torque	1.2 / 0.8 Nm	14 / 7 lb-in	14 / 7 lb-in
Approvals			
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree	6 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		DB16		10
Mounting Rail	(Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m
End Clamp	(Refer Pg. 185 for details)	CA702 CA802		50 50
Marking Tags	(Refer Pg. 187 for details)	CA509/K7.5		100
Screw Driver		SCPH2	Blade size: 2 x 100 mm	10

Note:
Sum of total outgoing currents should not exceed maximum permissible incoming current.



DB25

30.5 x 55.4 mm	
52.1 mm / 61.35 mm	
6	
IEC	
2.5 - 25 mm²	
17 mm	
3.0 Nm	
1.5 - 10 mm²	
9 mm	
2.0 Nm	
IEC60947-7-1	
690 V	
100 A	
3.0 / 2.0 Nm	
CE VDE	
Polyamide 66 / 1	
6 KV / 3	

Type / Cat. No.		Standard Pack
DB25		3
CA701 CA701-15		50 m 50 m
CA702 CA802		50 50
SCPH2	Blade size: 2 x 100 mm	10

DB35

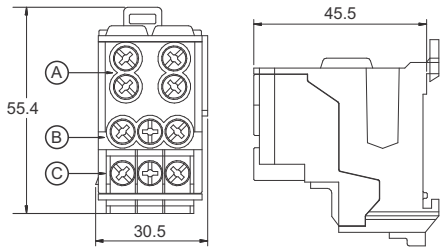
27 x 74.4 mm		
50.8 mm / 57.8 mm		
8		
IEC		**UL - CSA**
6 - 35 mm²		8 - 2 AWG
15 mm		15 mm
4.5 Nm		40 lb-in
6 - 16 mm²		8 - 4 AWG
15 mm		15 mm
1.2 Nm		14 lb-in
2.5 - 10 mm²		14 - 6 AWG
10 mm		10 mm
2.0 Nm		17.5 lb-in
IEC60947-7-1	UL-1059	
1000 V	600 V	
125 A	115 A	
6.0 / 3.0 Nm	40 / 17.5 lb-in	
IECEE CE cULus cSPus Lloyds Register		
Polyamide 66 / 1		
6 KV / 3		

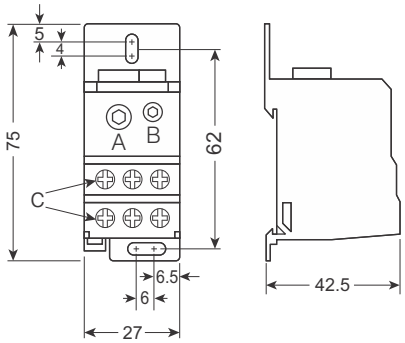
Type / Cat. No.		Standard Pack
DB35		10
CA701 CA701-15		50 m 50 m
CA702 CA802		50 50
CA509/K7.5		100
SCPH2	Blade size: 2 x 100 mm	10

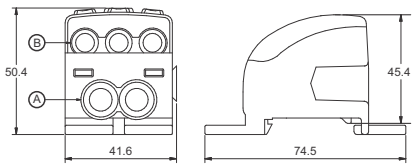
DB70

41.6 x 74.45mm	
55.2 mm / 66.5 mm	
8	
IEC	**UL - CSA**
10 - 70 mm²	8 - 1/0 AWG
17 mm	17 mm
10.0 Nm	90 lb-in
2.5 - 25 mm²	14 - 4 AWG
12 mm	12 mm
2.0 Nm	27 lb-in
1.5 - 16 mm²	16 - 6 AWG
12 mm	12 mm
2.0 Nm	27 lb-in
IEC60947-7-1	UL-1059
1000 V	600 V
160 A	160 A
10.0 / 2.0 Nm	90 / 27 lb-in
CE cULus VDE	
Polyamide 66 / 1	
6 KV / 3	

Type / Cat. No.		Standard Pack
DB70		1
CA701 CA701-15		50 m 50 m
CA702 CA802		50 50
SCPH2	Blade size: 2 x 100 mm	10





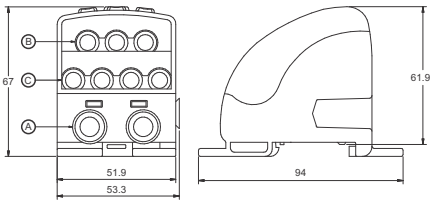


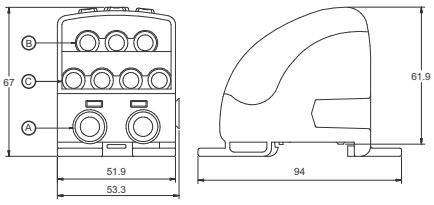
COMPACT DISTRIBUTION BLOCKS

	DB120	DB185
		
Width (Thickness) x Length	53.3 x 94 mm	53.3 x 94 mm
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	65.1 mm / 74.0 mm	65.1 mm / 74.0 mm
Total number of connection points	8	8

Connection Possibility as per		DB120 IEC	DB120 UL - CSA	DB185 IEC	DB185 UL - CSA
At 1 Connection Point (Input)	Wire Range	35 - 120 mm^2	2 - 250 KCMIL	95 - 185 mm^2	3/0 - 350 KCMIL
	Stripping Length	27 mm	19 mm	27 mm	27 mm
	Torque	19.0 Nm	172 lb-in	19.0 Nm	227 lb-in
At 2 Connection Points (Position A in diagram)	Wire Range	4.0 - 35 mm^2	12 - 2 AWG	4.0 - 35 mm^2	12 - 2 AWG
	Stripping Length	18 mm	18 mm	18 mm	18 mm
	Torque	2.5 Nm	54 lb-in	2.5 Nm	54 lb-in
At 3 Connection Point (Position B in diagram)	Wire Range	2.5 - 25 mm^2	14 - 4 AWG	2.5 - 25 mm^2	14 - 4 AWG
	Stripping Length	12 mm	12 mm	12 mm	12 mm
	Torque	2.0 Nm	27 lb-in	2.0 Nm	27 lb-in
At 4 Connection Point (Position C in diagram)	Wire Range	1.5 - 16 mm^2	16 - 6 AWG	1.5 - 16 mm^2	16 - 6 AWG
	Stripping Length	12 mm	12 mm	12 mm	12 mm
	Torque	2.0 Nm	27 lb-in	2.0 Nm	27 lb-in
Ratings As Per		IEC60947-7-1 / UL-1059		IEC60947-7-1 / UL-1059	
Voltage		1000 V / 600 V		1000 V / 600 V	
Current		250 A / 250 A		353 A / 310 A	
Torque		19.0 / 2.5 / 2.0 Nm / 172 / 54 / 27 lb-in		19.0 / 2.5 / 2.0 Nm / 227 / 54 / 27 lb-in	
Approvals		CE, c UL us, VDE		CE, c UL us, VDE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		6 KV / 3		6 KV / 3	

		DB120 Type / Cat. No.		DB120 Standard Pack	DB185 Type / Cat. No.		DB185 Standard Pack
Terminal Block		DB120		1	DB185		1
Mounting Rail	(Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m	CA701 CA701-15		50 m 50 m
End Clamp	(Refer Pg. 185 for details)	CA702 CA802		50 50	CA702 CA802		50 50
Marking Tags	(Refer Pg. 187 for details)						
Screw Driver		SCPH2	Blade size: 2 x 100 mm	10	SCPH2	Blade size: 2 x 100 mm	10

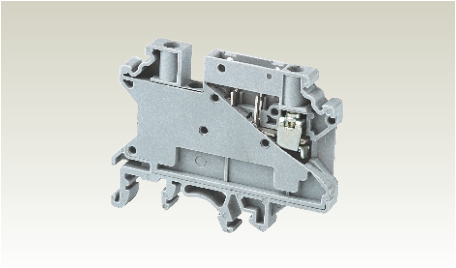




COMPONENT CARRIER TERMINAL BLOCK

The CCC4U Terminal Block is a component carrier base. Various pluggable component carriers can be installed easily. These component carriers have built in protection against incorrect polarity.

CCC4U



Width (Thickness) x Length		6 x 58.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.0 mm / 53.5 mm / 51.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	24 - 10 AWG
	Solid	0.2 - 6.0 mm^2	
	with Ferrule / Lug	0.2 - 4.0 mm^2	24 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		32 A	35 A
Torque		0.5 Nm	4.5 lb-in
Approvals		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.	Standard Pack
Terminal Block		CCC4U	50
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m
		CA701-15	50 m
		CA501	50 m
End Clamp (Refer Pg. 185 for details)		CA702	50
		CA802	50
Pre Assembled Shorting Links	2 pole	CA722/2 Imax.: 32 A	100
	3 pole	CA722/3 32 A	100
	4 pole	CA722/4 32 A	100
	10 pole	CA722/10 32 A	10
	100 pole	CA722/100 32 A	10
Marking Tags (Refer Pg. 187 for details)		CA509/K6	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

COMPONENT CARRIERS

CPD1 is a component plug with built in diode 1N4007. CPF is component fuse plug suitable for Ø 5 x 20 mm fuses. CPFL is component plug which provides offline indication in case of a blown off fuse. These plugs can be use with CCC4U Terminal Block.

CPD1

CPF

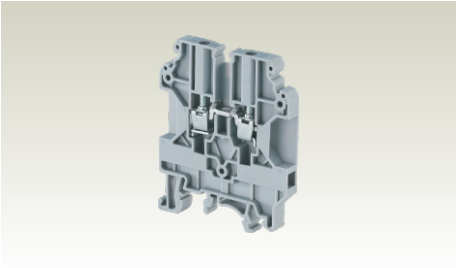
		Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Component Carrier	With Diode	CPD1	50		
	For Ø 5 x 20 mm Fuse			CPF	50
	For 6-60V AC/DC			CPFL6-60V	50
	For 110-240V AC/DC			CPFL110-240V	50
Width (Thickness) x Length x Height		6 x 28 x 35 mm		6 x 28 x 35 mm	
Marking Tags (Refer Pg. 187 for details)		CA509/K6	100	CA509/K6	100

HIGH VOLTAGE TERMINAL BLOCKS

The CHV series Terminal Blocks have been specially designed for extremely high voltage (1000 V DC) applications.

A specially designed flexible foot enables easy mounting and dismounting from the mounting rail with the help of a screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

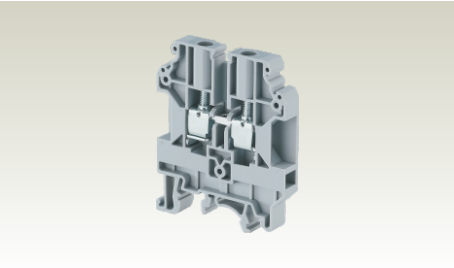
CHV4U



Width (Thickness) x Length		6 x 52 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		63.4 mm / 70.8 mm / 68.2 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		12 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1000 V	1000 V	1000 V
Current		32 A	35 A	35 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CHV4U		50
End Plate		EPUSC		50
Separator Plate		SP2.5/4UN		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Pre Assembled Shorting Links	2 pole	CA623/2	Imax.: 32 A	100
	3 pole	CA623/3	32 A	100
	4 pole	CA623/4	32 A	100
	10 pole	CA623/10	32 A	10
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CHV6U



8 x 52 mm

63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

14 mm

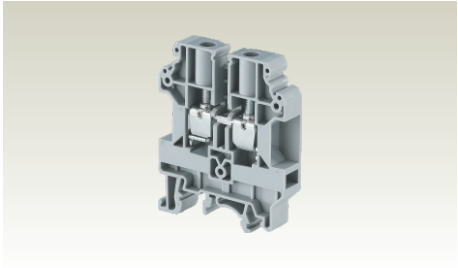
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	1000 V	1000 V	
41 A	50 A	50 A	
0.8 Nm	14 lb-in	14 lb-in	

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CHV6U		50
EPUSC		50
SP2.5/4UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA624/2	Imax.: 41 A	100
CA624/3	41 A	100
CA624/4	41 A	100
CA624/10	41 A	10
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CHV10U



10 x 52 mm

63.4 mm / 70.8 mm / 68.2 mm

IEC	UL - CSA
0.2 - 10.0 mm^2	20 - 6 AWG
0.2 - 16.0 mm^2	
0.2 - 10.0 mm^2	20 - 6 AWG
0.2 - 6.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	22 - 10 AWG

14 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	1000 V	1000 V	
57 A	65 A	65 A	
1.2 Nm	14 lb-in	14 lb-in	

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CHV10U		50
EPUSC		50
SP2.5/4UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA625/2	Imax.: 57 A	100
CA625/3	57 A	100
CA625/4	57 A	100
CA625/10	57 A	10
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

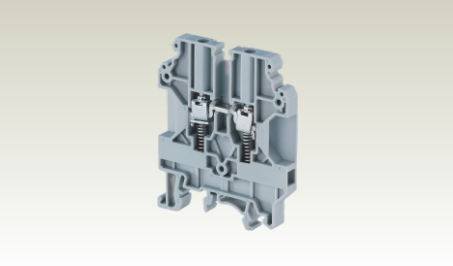
SPRING LOADED TERMINAL BLOCKS

These modified version of feed through Terminal Blocks come with springs below the clamps. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEGB regulations and NTPC applications. In addition to the high torque screws, these blocks have a built-in spring loading feature.

It is recommended to use hook type lug / ferrule for terminating wires in such connections.

These Terminal Blocks have a specially designed current bar for the right location & placement of wires crimped in hook type lug / ferrule, thus preventing loosening of the wires even when the screw clamps are not tightened.

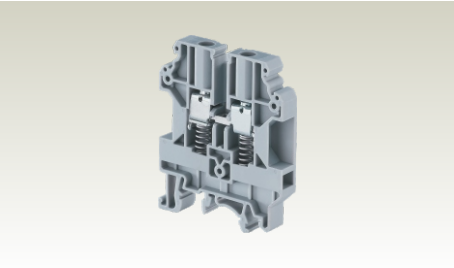
CTS4USC



Width (Thickness) x Length		6 x 52 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		63.4 mm / 70.8 mm / 68.2 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		12 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		32 A	35 A	35 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals		IECEE, CE, UL, CSA, Lloyd's Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CTS4USC		50
End Plate		EPUSC		50
Separator Plate		SP2.5/4UN		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Hook Type Lug / Ferrule	1.5 sq.mm	CA604/1		100
	2.5 sq.mm	CA604/2		100
	4 sq.mm	CA604/5		100
	6 sq.mm			
	10 sq.mm			
Pre Assembled Shorting Links	2 pole	CA623/2	Imax.: 32 A	100
	3 pole	CA623/3	32 A	100
	4 pole	CA623/4	32 A	100
	10 pole	CA623/10	32 A	10
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

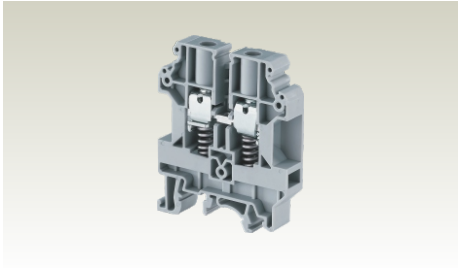
CTS6USC



8 x 52 mm			
63.4 mm / 70.8 mm / 68.2 mm			
IEC		UL - CSA	
0.2 - 6.0 mm²		22 - 8 AWG	
0.2 - 6.0 mm²		22 - 8 AWG	
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 4.0 mm²		22 - 10 AWG	
14 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	1000 V	1000 V	
41 A	50 A	50 A	
0.8 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS6USC		50
EPUSC		50
SP2.5/4UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA604/1		100
CA604/2		100
CA604/5		100
CA604/4		100
CA624/2	Imax.: 41 A	100
CA624/3	41 A	100
CA624/4	41 A	100
CA624/10	41 A	10
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

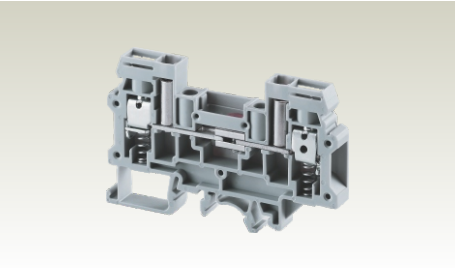
CTS10USC



10 x 52 mm			
63.4 mm / 70.8 mm / 68.2 mm			
IEC		UL - CSA	
0.2 - 10.0 mm²		20 - 6 AWG	
0.2 - 10.0 mm²		20 - 6 AWG	
0.2 - 6.0 mm²		20 - 8 AWG	
0.2 - 6.0 mm²		20 - 8 AWG	
14 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	1000 V	1000 V	
57 A	65 A	65 A	
1.2 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS10USC		50
EPUSC		50
SP2.5/4UN		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA604/1		100
CA604/2		100
CA604/5		100
CA604/4		100
CA604/3		100
CA625/2	Imax.: 57 A	100
CA625/3	57 A	100
CA625/4	57 A	100
CA625/10	57 A	10
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CDS6U/SC



8 x 82 mm			
51.0 mm / 59.2 mm / 56.7 mm			
IEC		UL - CSA	
0.2 - 6.0 mm²		22 - 8 AWG	
0.2 - 6.0 mm²		22 - 8 AWG	
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 4.0 mm²		22 - 10 AWG	
10 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
800 V	600 V	600 V	
41 A	45 A	45 A	
0.8 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CDS6U/SC		50
EPCDS6U		25
CA701		50 m
CA701-15		50 m
CA501		50 m
CA702		50
CA802		50
CA604/1		100
CA604/2		100
CA604/5		100
CA604/4		100
CA723/2	Imax.: 41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/10	41 A	50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Note:
For other accessories for CDS6U please refer page 49.

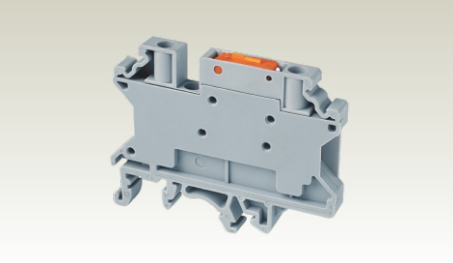
SPRING LOADED TERMINAL BLOCKS

These modified version of feed through Terminal Blocks come with springs below the clamps. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEGB regulations and NTPC applications. In addition to the high torque screws, these blocks have a built-in spring loading feature.

It is recommended to use hook type lug / ferrule for terminating wires in such connections.

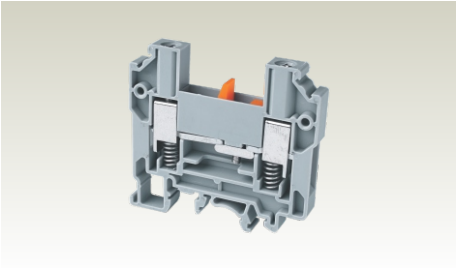
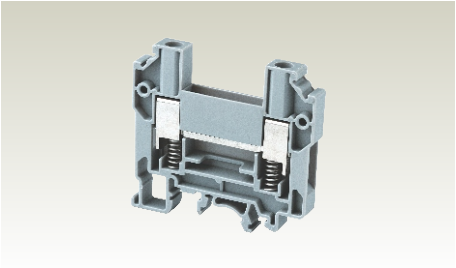
These Terminal Blocks have a specially designed current bar for the right location & placement of wires crimped in hook type lug / ferrule, thus preventing loosening of the wires even when the screw clamps are not tightened.

CKT4SPSC



Width (Thickness) x Length		6 x 58.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.0 mm / 53.5 mm / 51.5 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		24 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		24 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		24 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		24 - 12 AWG
Wire Stripping Length		8 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		28 A	30 A	30 A
Torque		0.5 Nm	4.5 lb-in	4.5 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CKT4SPSC		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Pre Assembled Shorting Links	2 pole	CA722/2	Imax.: 32 A	100
	3 pole	CA722/3	32 A	100
	4 pole	CA722/4	32 A	100
	10 pole	CA722/10	32 A	10
	100 pole	CA722/100	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA742/2	Imax.: 32 A	100
	3 pole	CA742/3	32 A	100
	4 pole	CA742/4	32 A	100
	10 pole	CA742/10	32 A	10
	100 pole	CA742/100	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA707/S/Q/01		100
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	100
	4 pole	CA714/4	32 A	100
	10 pole	CA714/10	32 A	20
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

	CDTTUSC	CDTTUFTSC
		

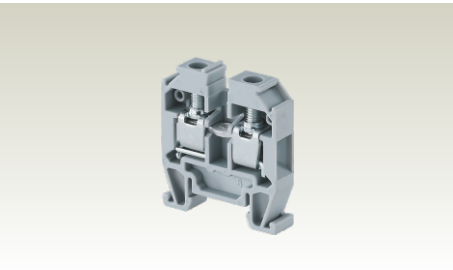
Width (Thickness) x Length		8 x 63 mm				8 x 63 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		58.7 mm / 65.7 mm / 63.7 mm				58.7 mm / 65.7 mm / 63.7 mm		
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 10.0 mm^2		16 - 8 AWG		1.5 - 10.0 mm^2		16 - 8 AWG
	Solid	1.5 - 10.0 mm^2				1.5 - 10.0 mm^2		
	with Ferrule / Lug	1.5 - 10.0 mm^2		16 - 8 AWG		1.5 - 10.0 mm^2		16 - 8 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	1.5 - 4.0 mm^2		16 - 10 AWG		1.5 - 4.0 mm^2		16 - 10 AWG
	with TWIN Ferrule / Lug	1.5 - 4.0 mm^2		16 - 10 AWG		1.5 - 4.0 mm^2		16 - 10 AWG
Wire Stripping Length		12 mm				12 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V		800 V	600 V	600 V
Current		57 A	41 A	41 A		57 A	41 A	41 A
Torque		1.2 Nm	14 lb-in	14 lb-in		1.2 Nm	14 lb-in	14 lb-in
Approvals								
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3				8 KV / 3		
		Type / Cat. No.			Standard Pack	Type / Cat. No.		Standard Pack
Terminal Block		CDTTUSC			50	CDTTUFTSC		50
End Plate		EPCDTTU			50	EPCDTTU		50
Mounting Rail (Refer Pg. 184 for details)		CA701			50 m	CA701		50 m
		CA701-15			50 m	CA701-15		50 m
		CA501			50 m	CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702			50	CA702		50
		CA802			50	CA802		50
Insulated External Shorting Links	2 pole	CA710/2	Imax.:	41 A	100	CA710/2	Imax.:	41 A	100
	3 pole	CA710/3		41 A	50	CA710/3		41 A	50
	4 pole	CA710/4		41 A	50	CA710/4		41 A	50
	10 pole	CA710/10		41 A	20	CA710/10		41 A	20
Shorting Plug	2 pole	QJ8/2			25			
Marking Tags (Refer Pg. 187 for details)		CA509/K8			100	CA509/K8		100
Screw Driver		SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10	SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

MICRO TERMINAL BLOCKS

These Terminal Blocks are extremely compact and are used in applications with space constraints. These blocks should be used with DIN 15 type (DIN 2) rails.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

CMT4

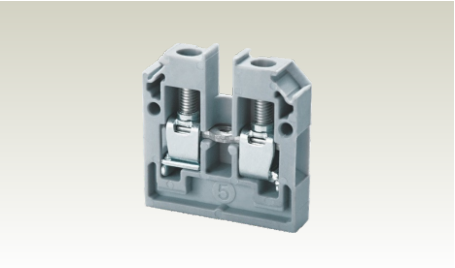


Width (Thickness) x Length		6 x 27 mm			
Height with DIN 15 mm Rail		30.4 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG	
	Solid	0.2 - 6.0 mm^2			
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		500 V	300 V	300 V	380 V
Current		32 A	35 A	35 A	28 A
Torque		0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			

		Type / Cat. No.		Standard Pack
Feed Through Terminal Block		CMT4		100
Grounding Terminal Block (Refer page 30 for more details)		CGMT4		100
End Plate		EPCMT4		50
Partition Plate		PPCMT4		50
Mounting Rail (Refer Pg. 184 for details)		CA601		50 m
End Clamp (Refer Pg. 185 for details)		CA602		50
Pre Assembled Shorting Links	2 pole	CA727/2	Imax.: 32 A	100
	3 pole	CA727/3	32 A	100
	4 pole	CA727/4	32 A	100
	10 pole	CA727/10	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA747/2	Imax.: 32 A	100
	3 pole	CA747/3	32 A	100
	4 pole	CA747/4	32 A	100
	10 pole	CA747/10	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA607/S/Q		100
Switchable Shorting Links		CA706/1	Imax.: 32 A	100
Long Sleeve & Screw for Switchable Shorting Links		CA607/L/Q		100
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	100
	4 pole	CA714/4	32 A	100
	10 pole	CA714/10	32 A	20
Test Socket		CA707/TS/03		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

PANEL MOUNT TERMINAL BLOCK

CMB4



A perfect solution for extremely compact wiring applications, these Terminal Blocks are modular and can be stacked to form multi-pole Terminal Block assemblies. The stacked assemblies are fitted with mounting End Plates on both ends for easy installations.

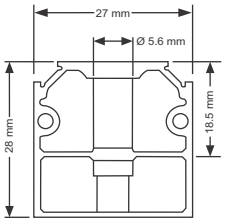
M3 screw of desired length can be used for mounting.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

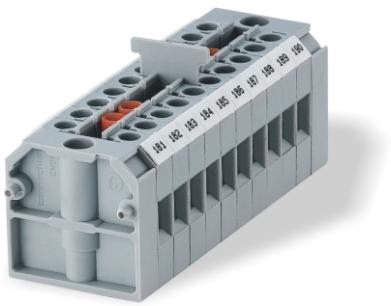
Width (Thickness) x Length		6 x 27 mm			
Height		28.5 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm²		22 - 10 AWG	
	Solid	0.2 - 6.0 mm²			
	with Ferrule / Lug	0.2 - 4.0 mm²		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm²		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm²		22 - 12 AWG	
Wire Stripping Length		8 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		500 V	300 V	300 V	440 V
Current		32 A	30 A	35 A	28 A
Torque		0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		4 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		CMB4		100
End Plate		EPCMB4		50
Separator Plate		SPCMB4		50
Pre Assembled Shorting Links	2 pole	CA727/2	Imax.: 32 A	100
	3 pole	CA727/3	32 A	100
	4 pole	CA727/4	32 A	100
	10 pole	CA727/10	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA747/2	Imax.: 32 A	100
	3 pole	CA747/3	32 A	100
	4 pole	CA747/4	32 A	100
	10 pole	CA747/10	32 A	10
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	10 pole (Breakable)	CA732/10-A	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Permanent Shorting Links		CA607/S/Q		100
Insulated External Shorting Links	2 pole	CA714/2	Imax.: 32 A	100
	3 pole	CA714/3	32 A	100
	4 pole	CA714/4	32 A	100
	10 pole	CA714/10	32 A	20
Test Socket		CA707/TS/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

Note:
It is recommended to use additional End Plate after every 20 Terminal Blocks in a stacked assembly.



End Plate



THERMOCOUPLE TERMINAL BLOCKS

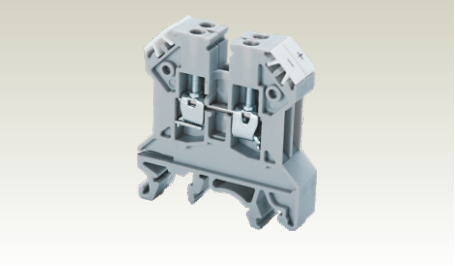
These Terminal Blocks are used with thermocouple wires in measurement applications.

As per DIN 43713 & DIN 43714 the current carrying element of the Terminal Block is made of the same material as the Thermocouple wire. These special current carrying elements ensure that there is no loss of potential at the connecting points.

The following types of Thermocouple wires can be connected using standard Thermocouple Terminal Blocks

- 'K' type - Chromel (Ni/Cr), Alumel (Ni/Al)
- 'J' type - Iron (Fe), Constantan (Cu/Ni)
- 'T' type - Copper (Cu), Constantan (Cu/Ni)
- 'E' type - Chromel (Ni/Cr), Constantan (Cu/Ni)

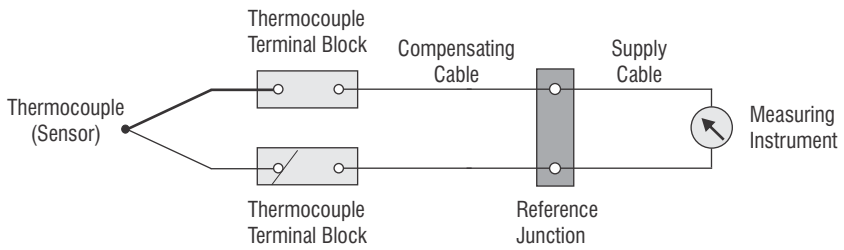
CTT2.5U



Width (Thickness) x Length		10 x 43 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		46.2 mm / 53.7 mm / 51.1 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 14 AWG
	Solid	0.2 - 4.0 mm^2	22 - 12 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 14 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	22 - 16 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 16 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-7-1	
Voltage		1000 V	
Current		10 A	
Torque		0.4 Nm	
Approvals		IECEE, CE, Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		4 KV / 3	

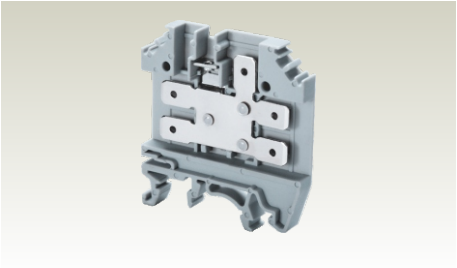
	Type / Cat. No.	Suitable for Thermocouple Wire	Standard Pack
Terminal Block	CTT2.5UK	K Type	50
	CTT2.5UJ	J Type	50
	CTT2.5UT	T Type	50
	CTT2.5UE	E Type	50
End Plate	EP2.5/4UN		50
Partition Plate	PP2.5/4UN		50
Mounting Rail (Refer Pg. 184 for details)	CA701		50 m
	CA701-15		50 m
	CA501		50 m
End Clamp (Refer Pg. 185 for details)	CA702		50
	CA802		50
Marking Tags (Refer Pg. 187 for details)	CA509/K5		100
Screw Driver	SCS0.5/3	Blade size: 0.5 x 3 mm	10

Typical Temperature Measuring circuit



TAB CONNECTION TERMINAL BLOCKS

CTC4U

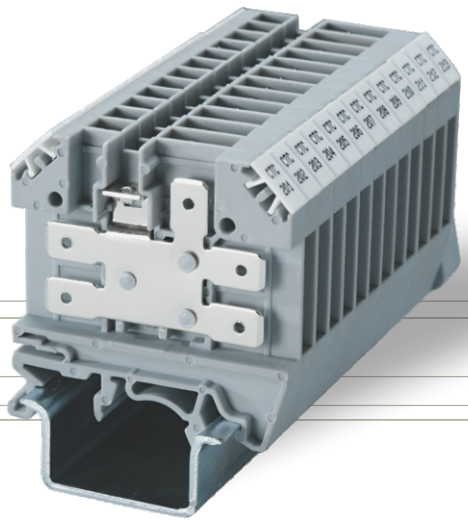


The CTC4U Tab Connection Terminal Blocks offer quick connection possibility. The Terminal Blocks are suited for standard 'Fast On' type lugs.

The connection is achieved by pushing the lug / ferrule onto the tab blade of the Terminal Block.

Width (Thickness) x Length		6 x 47 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		51.2 mm / 58.8 mm / 56.3 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	24 - 12 AWG
	with Ferrule / Lug	0.2 - 4.0 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1	
Voltage		300 V	
Current		32 A	
Approvals		CE Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		2.5 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CTC4U		100
End Plate		EPCTC4U		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
	100 pole	CA732/100	32 A	10
Short Sleeve & Screw for Quick Permanent Shorting		CA807/S/Q/01		100
End Clamp (Refer Pg. 185 for details)		CA702 CA802		50 50
Marking Tags (Refer Pg. 187 for details)		CA509/K6		100
Test Socket		CA707/TS/01		100



TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

The following Standard Active Terminal Blocks are available:

Diode / Resistor Terminal Blocks

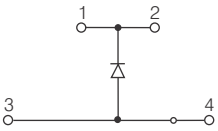
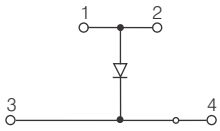
Terminal Blocks with Light Indication

CDL4U(O) - Connectwell Double Level Terminal Blocks are available with open current bars at the bottom level to which the electronic components can be soldered.

CDL4USP - Spacers can be used for covering custom electronic components, which may protrude from the CDL4U(O) Terminal Block.

CDL4U(E)D1 / D2

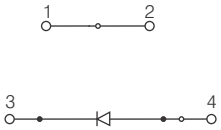
(With arc suppression circuit for contactors and solenoid valves - D.C)

Circuit Diagram		 CDL4U(E)D1	 CDL4U(E)D2	
Width (Thickness) x Length		6 x 55.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		55.7 mm / 63.1 mm / 60.3 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	22 - 10 AWG	
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2	22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG	
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		500 V	600 V	300 V
Current		32 A	35 A	25 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Diode		1N 4007		
Diode Reverse Voltage / Current		1000 V / 1 A		

		Type / Cat. No.		Standard Pack
Terminal Block		CDL4U(E)D1		100
		CDL4U(E)D2		100
End Plate		EPCDL4U		50
Spacer		CDL4USP		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
Short Sleeve & Screw for Quick permanent shorting		CA607/S/Q		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CDL4U(E)D3

(Diode circuit for reverse polarity protection)



CDL4U(E)D3

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
500 V	600 V	300 V	
32 A	35 A	25 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

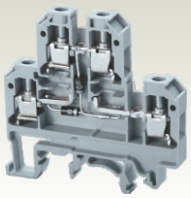
1N 4007

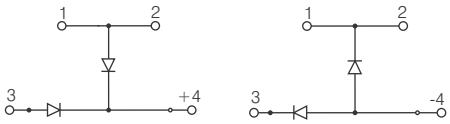
1000 V / 1 A

Type / Cat. No.		Standard Pack
CDL4U(E)D3		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CDL4U(E)DD1 / DD2

(Diode circuit for lamp testing)





CDL4U(E)DD1 CDL4U(E)DD2

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
500 V	600 V	300 V	
32 A	35 A	25 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

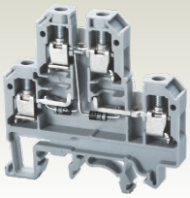
1N 4007

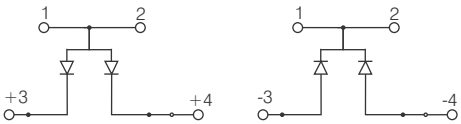
1000 V / 1 A

Type / Cat. No.		Standard Pack
CDL4U(E)DD1		100
CDL4U(E)DD2		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CDL4U(E)DD3 / DD4

(Diode circuit for lamp testing)





CDL4U(E)DD3 CDL4U(E)DD4

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
500 V	600 V	300 V	
32 A	35 A	25 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

1N 4007

1000 V / 1 A

Type / Cat. No.		Standard Pack
CDL4U(E)DD3		100
CDL4U(E)DD4		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

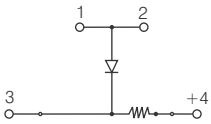
CDL4U(E)D4

(Diode circuit for lamp testing with LED series resistance)

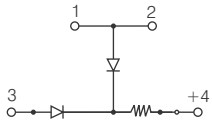
CDL4U(E)DD5

(Diode circuit for lamp testing with LED series resistance)

Circuit Diagram



CDL4U(E)D4

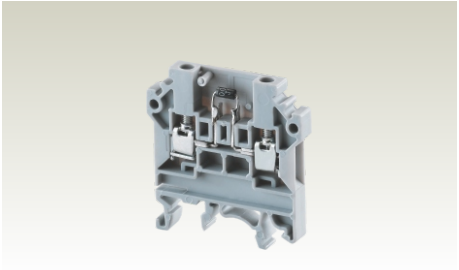


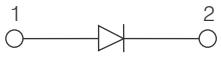
CDL4U(E)DD5

		CDL4U(E)D4				CDL4U(E)DD5			
Width (Thickness) x Length		6 x 55.5 mm				6 x 55.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		55.7 mm / 63.1 mm / 60.3 mm				55.7 mm / 63.1 mm / 60.3 mm			
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
	Solid	0.2 - 6.0 mm^2				0.2 - 6.0 mm^2			
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
Wire Stripping Length		9 mm				9 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059	CSA22.2-158	
Voltage		500 V	600 V	300 V		500 V	600 V	300 V	
Current		32 A	35 A	25 A		32 A	35 A	25 A	
Torque		0.5 Nm	7 lb-in	7 lb-in		0.5 Nm	7 lb-in	7 lb-in	
Approvals									
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1			
Terminal Voltage		12 VAC, 24 VAC				12 VAC, 24 VAC			
Diode		1N 4007				1N 4007			
Diode Reverse Voltage / Current		1000 V / 1 A				1000 V / 1 A			

		Type / Cat. No.		Standard Pack	Type / Cat. No.		Standard Pack
Terminal Block		CDL4U(E)D412V		100	CDL4U(E)DD512V		100
		CDL4U(E)D424V		100	CDL4U(E)DD524V		100
End Plate		EPCDL4U		50	EPCDL4U		50
Spacer		CDL4USP		50	CDL4USP		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m	CA701		50 m
		CA701-15		50 m	CA701-15		50 m
		CA501		50 m	CA501		50 m
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100	CA732/10	32 A	100
Short Sleeve & Screw for Quick permanent shorting		CA607/S/Q		100	CA607/S/Q		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100	CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CKT4UD1





CKT4UD1

6 x 46.3 mm

48.3 mm / 56.0 mm / 54.5 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

IEC60947-7-1

500 V

0.5 Nm

CE

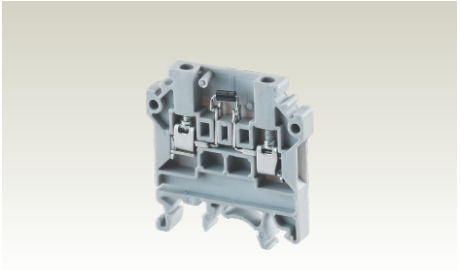
Polyamide 66 / 1

1N 4007

1000 V / 1 A

Type / Cat. No.	Standard Pack
CKT4UD1	50
EPCKT4U	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CKT4UD2



CKT4UD2

6 x 46.3 mm

48.3 mm / 56.0 mm / 54.5 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

IEC60947-7-1

500 V

0.5 Nm

CE

Polyamide 66 / 1

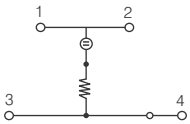
1N 4007

1000 V / 1 A

Type / Cat. No.	Standard Pack
CKT4UD2	50
EPCKT4U	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CDL4U(E)N1

(AC Voltage indicator with Neon lamp)



CDL4U(E)N1

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

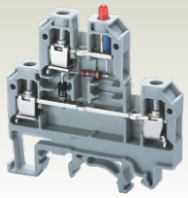
IEC60947-7-1	UL-1059	CSA22.2-158
500 V	600 V	300 V
32 A	35 A	25 A
0.5 Nm	7 lb-in	7 lb-in

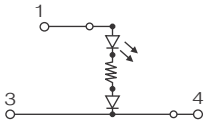
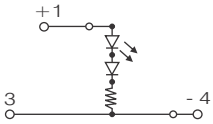
Polyamide 66 / 1

110 VAC, 220 VAC

Type / Cat. No.		Standard Pack
CDL4U(E)N1110V		100
CDL4U(E)N1220V		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm		10

TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

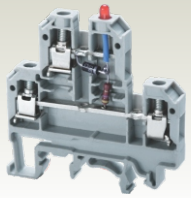
	CDL4U(E)LD5	CDL4U(E)LD3
	(AC Voltage indicator with LED)	(AC Voltage indicator with LED)
		

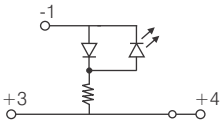
Circuit Diagram		 CDL4U(E)LD5				 CDL4U(E)LD3		
Width (Thickness) x Length		6 x 55.5 mm				6 x 55.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		55.7 mm / 63.1 mm / 60.3 mm				55.7 mm / 63.1 mm / 60.3 mm		
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG		0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2				0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG		0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		9 mm				9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		500 V	600 V	300 V		500 V	600 V	300 V
Current		32 A	35 A	25 A		32 A	35 A	25 A
Torque		0.5 Nm	7 lb-in	7 lb-in		0.5 Nm	7 lb-in	7 lb-in
Approvals								
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1		
Terminal Voltage		24 VAC, 48 VAC, 110 VAC, 220 VAC				12 VAC, 24 VAC		
Diode		1N 4007				1N 4007		
Diode Reverse Voltage / Current		1000 V / 1 A				1000 V / 1 A		

		Type / Cat. No.		Standard Pack	Type / Cat. No.		Standard Pack
Terminal Block		CDL4U(E)LD524V		100	CDL4U(E)LD312V		100
		CDL4U(E)LD5110V		100	CDL4U(E)LD324V		100
		CDL4U(E)LD5220V		100			
End Plate		EPCDL4U		50	EPCDL4U		50
Spacer		CDL4USP		50	CDL4USP		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m	CA701		50 m
		CA701-15		50 m	CA701-15		50 m
		CA501		50 m	CA501		50 m
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100	CA732/10	32 A	100
Short Sleeve & Screw for Quick permanent shorting		CA607/S/Q		100	CA607/S/Q		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100	CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CDL4U(E)LD4

(AC Voltage indicator with LED)





CDL4U(E)LD4

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
500 V	600 V	300 V	
32 A	35 A	25 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

24 VAC, 48 VAC

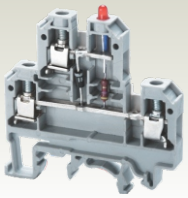
1N 4007

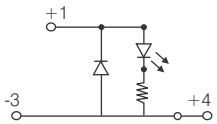
1000 V / 1 A

Type / Cat. No.		Standard Pack
CDL4U(E)LD424V		100
CDL4U(E)LD448V		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

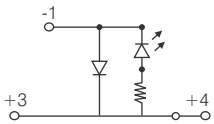
CDL4U(E)LD1 / LD2

(DC Voltage indicator with LED)





CDL4U(E)LD1



CDL4U(E)LD2

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
500 V	600 V	300 V	
32 A	35 A	25 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

24 VDC

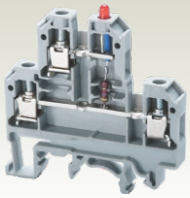
1N 4007

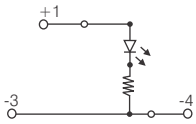
1000 V / 1 A

Type / Cat. No.		Standard Pack
CDL4U(E)LD124V		100
CDL4U(E)LD224V		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

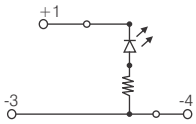
CDL4U(E)L1 / L2

(DC Voltage indicator with LED)





CDL4U(E)L1



CDL4U(E)L2

6 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

IEC60947-7-1	UL-1059	CSA22.2-158	
500 V	600 V	300 V	
32 A	35 A	25 A	
0.5 Nm	7 lb-in	7 lb-in	

Polyamide 66 / 1

6 VDC , 24 VDC , 60 VDC

1N 4007

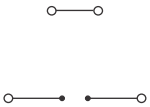
1000 V / 1 A

Type / Cat. No.		Standard Pack
CDL4U(E)L124V		100
CDL4U(E)L224V		100
EPCDL4U		50
CDL4USP		50
CA701		50 m
CA701-15		50 m
CA501		50 m
CA703/1	Imax.: 32 A	100
CA704/1	32 A	100
CA705/1	32 A	100
CA732/10	32 A	100
CA607/S/Q		100
CA509/K2		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

CDL4U(O)

Circuit Diagram



CDL4U(O)

Width (Thickness) x Length		6 x 55.5 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		55.7 mm / 63.1 mm / 60.3 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		500 V	600 V	300 V
Current		32 A	35 A	25 A
Torque		0.5 Nm	7 lb-in	7 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		

		Type / Cat. No.		Standard Pack
Terminal Block		CDL4U(O)		100
End Plate		EPCDL4U		50
Spacer		CDL4USP		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
Permanent Shorting Links	2 pole	CA703/1	Imax.: 32 A	100
	3 pole	CA704/1	32 A	100
	4 pole	CA705/1	32 A	100
	10 pole	CA732/10	32 A	100
Short Sleeve & Screw for Quick permanent shorting		CA607/S/Q		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

SURGE SUPPRESSION TERMINAL BLOCKS

These Terminal Blocks are designed to protect a single line against a longitudinal (line / earth) surge, thereby protecting distribution and input.

Note:
CDL4U(E)SDU - For D.C. Application

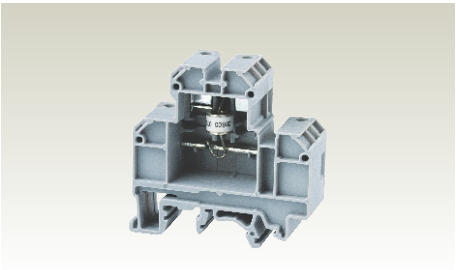
CDL4U(E)SDB - For A.C. Application

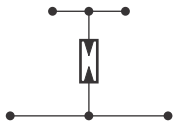
A - Anode

K - Cathode

SDUA - 48V, 3.2A, 400V A.C are available in SDUB type at current rating 4A.

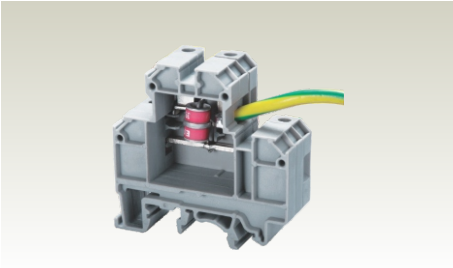
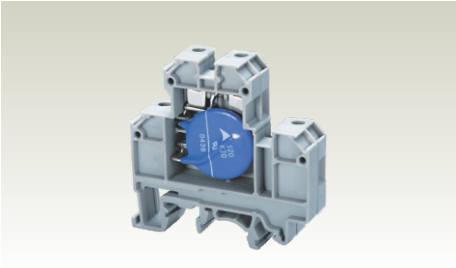
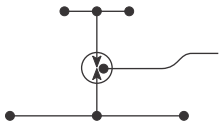
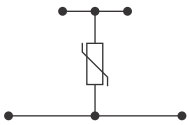
CDL4U(E)LA



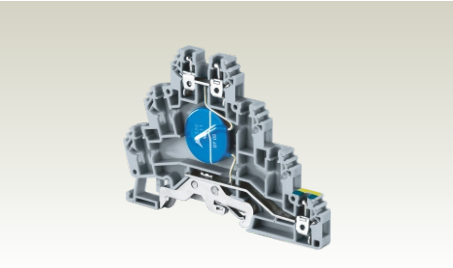
Circuit Diagram			
Width (Thickness) x Length		18 x 55.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		55.7 mm / 63.1 mm / 60.3 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	22 - 10 AWG
	Solid	0.2 - 6.0 mm^2	
	with Ferrule / Lug	0.2 - 4.0 mm^2	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG
Wire Stripping Length		9 mm	
Type of Connection		4 Screw Clamps	
Rated Connection Capacity		0.5 - 4 sq.mm / 22-10 AWG	
Voltage Rating		75 V, 90 V, 230 V, 600 V, 1000 V DC	
Impulse Discharge Current		20 KA (8/20μs)	
Alternating Discharge Current at Hz		20 A	
Response Time		100 ms	
Normal Current		10 A	
Capacitance		< 1.5 pf	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Approvals		CE c UL us	

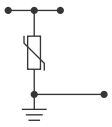
		Type / Cat. No.	Standard Pack
Terminal Block		CDL4U(E)LA90V	20
End Plate		EPCDL4U	50
Spacer for terminal		CDL4USP	50
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m
		CA701-15	50 m
		CA501	50 m
End Clamp		CA702 CA802	50 50
Marking Tags (Refer Pg. 187 for details)		CA509/K2	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

SURGE SUPPRESSION TERMINAL BLOCKS

	CDL4U(E)3LA		CDL4U(E)MOV	
				
Circuit Diagram				
Width (Thickness) x Length	18 x 55.5 mm		12 x 55.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	55.7 mm / 63.1 mm / 60.3 mm		55.7 mm / 63.1 mm / 60.3 mm	
Connection Possibility as per	IEC	UL - CSA	IEC	UL - CSA
With 1 Conductor per clamp — Stranded / Flexible	0.2 - 4.0 mm^2	22 - 10 AWG	0.2 - 4.0 mm^2	22 - 10 AWG
With 1 Conductor per clamp — Solid	0.2 - 6.0 mm^2		0.2 - 6.0 mm^2	
With 1 Conductor per clamp — with Ferrule / Lug	0.2 - 4.0 mm^2	22 - 10 AWG	0.2 - 4.0 mm^2	22 - 10 AWG
With 2 same size Conductors per clamp — Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG	0.2 - 2.5 mm^2	22 - 12 AWG
With 2 same size Conductors per clamp — with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG	0.2 - 2.5 mm^2	22 - 12 AWG
Wire Stripping Length	9 mm		9 mm	
Type of Connection	4 Screw Clamps		4 Screw Clamps	
Rated Connection Capacity	0.5 - 4 sq.mm / 22-10 AWG		0.5 - 4 sq.mm / 22-10 AWG	
Voltage Rating	90 V, 230 V, 350 V, 600 V DC		30 V, 60 V, 75 V, 130 V, 275 V, 460 V, 510 V, 625 V, 680 V A.C.	
Impulse Discharge Current	10 KA (8/20μs)		2 KA - 6.5 KA (8/20μs)	
Alternating Discharge Current at Hz	10 A			
Response Time	100 ms		< 25 ns	
Capacitance	< 1.0 pf		100 - 20000 pf	
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1		Polyamide 66 / 1	
Approvals	IECEE CE		IECEE CE	
	Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	CDL4U(E)3LA90V	20	CDL4U(E)MOV30V	20
			CDL4U(E)MOV60V	20
End Plate	EPCDL4U	50	EPCDL4U	50
Spacer for terminal	CDL4USP	50	CDL4USP	50
Mounting Rail (Refer Pg. 184 for details)	CA701	50 m	CA701	50 m
	CA701-15	50 m	CA701-15	50 m
	CA501	50 m	CA501	50 m
End Clamp	CA702	50	CA702	50
	CA802	50	CA802	50
Marking Tags (Refer Pg. 187 for details)	CA509/K2	100	CA509/K2	100
Screw Driver	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CTLG2.5(E)MOV





6 x 87.5 mm

66.0 mm / 74.0 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	22 - 14 AWG
0.2 - 4.0 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 14 AWG
0.2 - 1.5 mm^2	22 - 16 AWG
0.2 - 1.5 mm^2	22 - 16 AWG

9 mm

3 Screw Clamps

0.5 - 2.5 sq.mm / 22-12 AWG

Upto 275 V

2 KA - 6.5 KA (8/20μs)

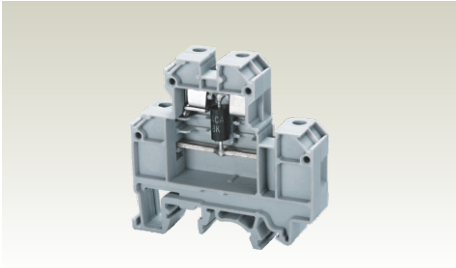
< 25 ns

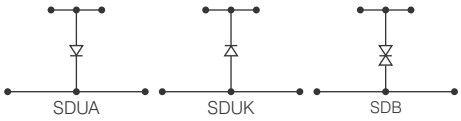
100 - 20000 pf

Polyamide 66 / 1

Type / Cat. No.	Standard Pack
CTLG2.5(E)MOV275V	50
EPCTLG2.5	50
CA701	50 m
CA701-15	50 m
CA702	50
CA802	50
CA509/K2G	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CDL4U(E)SD





12 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

4 Screw Clamps

0.5 - 4 sq.mm / 22-10 AWG

12 VDC to 48 VDC / 12 VAC to 160 VAC

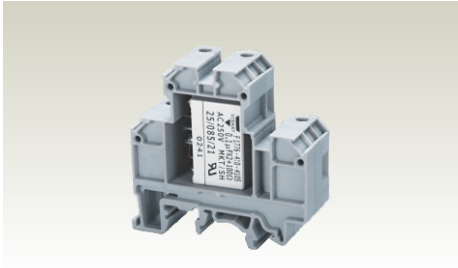
1.5 KA

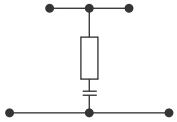
1 ns (D.C) / 5 ns (A.C)

Polyamide 66 / 1

Type / Cat. No.	Standard Pack
CDL4U(E)SDUA24V	20
CDL4U(E)SDB160V	20
EPCDL4U	50
CDL4USP	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA509/K2	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CDL4U(E)RC





18 x 55.5 mm

55.7 mm / 63.1 mm / 60.3 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

9 mm

4 Screw Clamps

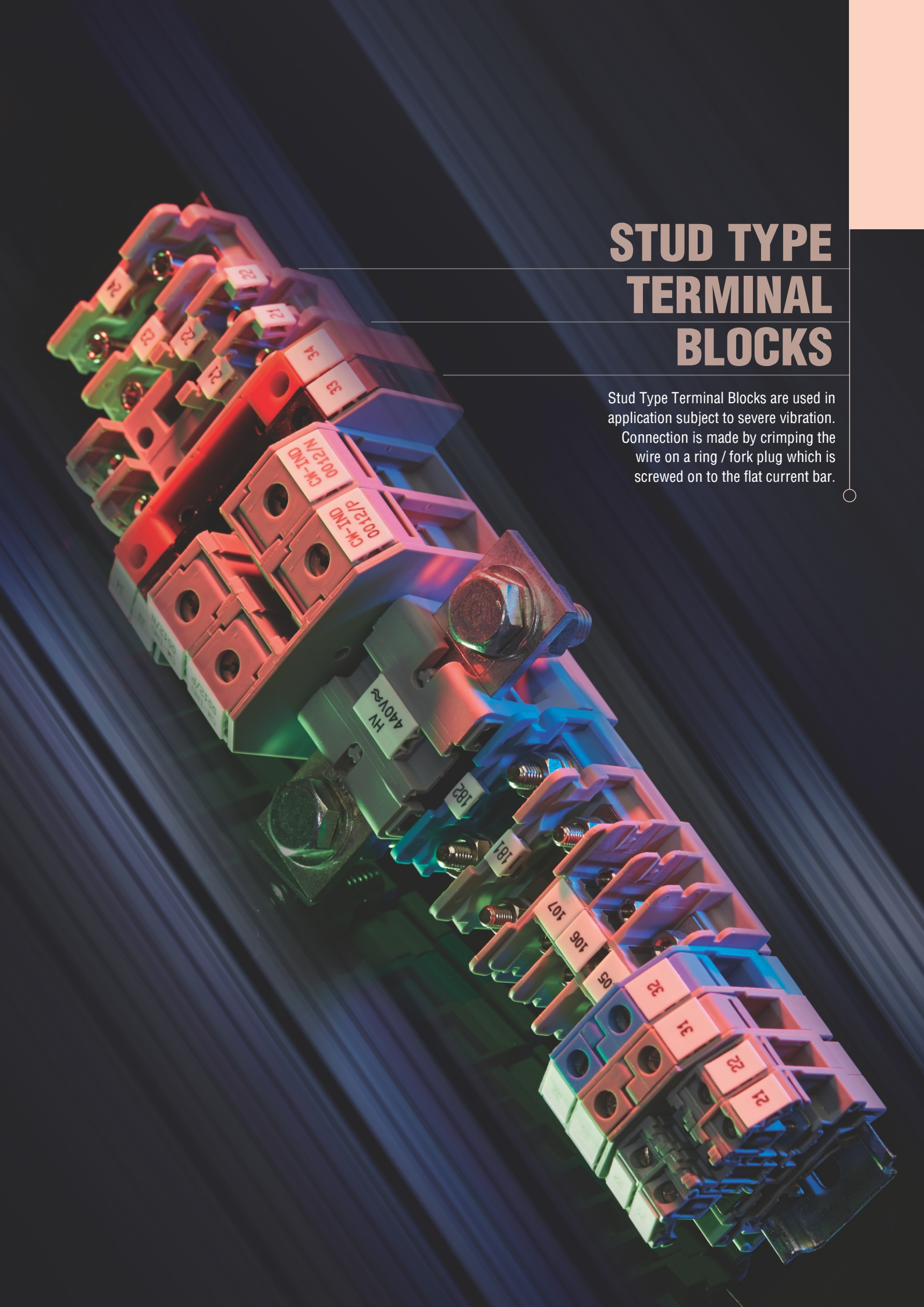
0.5 - 4 sq.mm / 22-10 AWG

250 VAC / 630 VDC

20 A

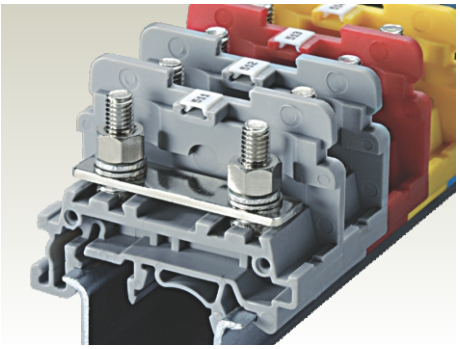
Polyamide 66 / 1

Type / Cat. No.	Standard Pack
CDL4U(E)RC0.1	10
CDL4U(E)RC0.22	10
EPCDL4U	50
CDL4USP	50
CA701	50 m
CA701-15	50 m
CA501	50 m
CA702	50
CA802	50
CA509/K2	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

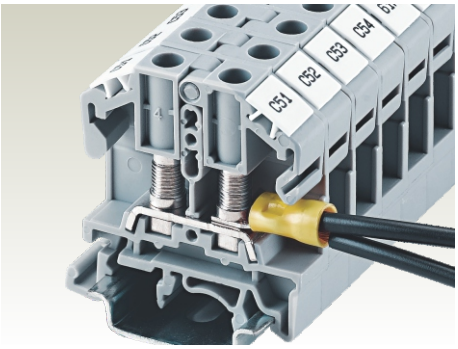


STUD TYPE TERMINAL BLOCKS

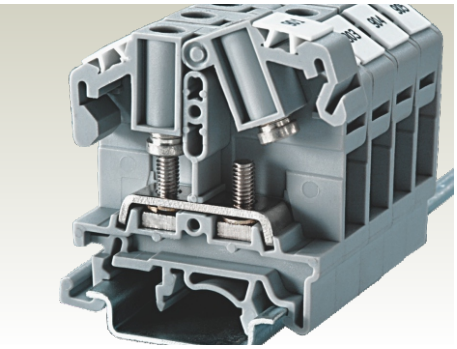
Stud Type Terminal Blocks are used in application subject to severe vibration. Connection is made by crimping the wire on a ring / fork plug which is screwed on to the flat current bar.



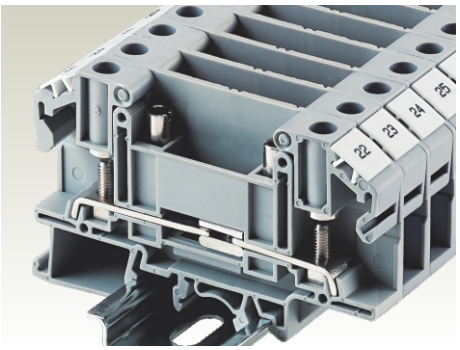
High Torque clamping system for ring & fork type lugs / ferrules. Extremely effective clamping system for areas prone to high vibrations.



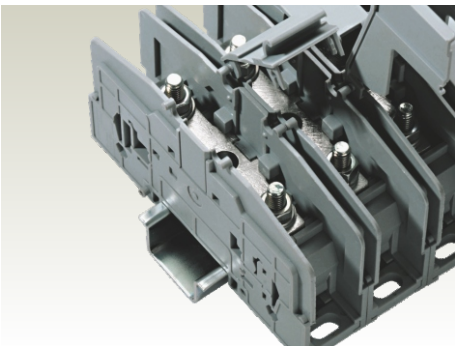
Commercially available ring or fork type lugs / ferrules can be used for terminating multiple wires. The bolt & nut system make these multi wire connections safe and secure.



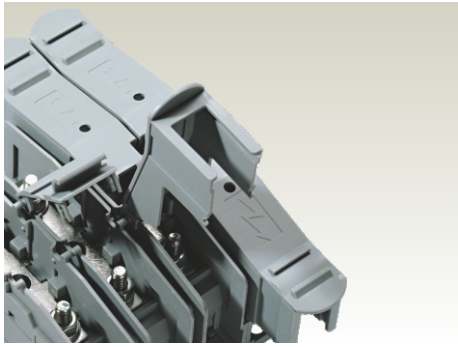
The fastening nut remains captive in the hinged plastic carrier. The nut is tightened by using a standard screwdriver.



STH4DT Terminal Block system is a versatile wire connection method for current transformer and power meters. A wide range of accessories eases the testing of these instruments.



High current Terminal Blocks with a captive bolt provide extremely reliable connection for higher size wires. Integral isolation plates make these terminals extremely safe.



All open connection stud type Terminal Blocks can be covered with a protective shroud. The resulting assemblies are completely shock proof.

FEED THROUGH TERMINAL BLOCKS

STH Series Terminal Blocks are preferred for application where the connections are subjected to severe vibration. The wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. The fastening nut always remains captive in the hinged plastic carrier. The hinged carrier should be lifted to insert the lugs and then snapped back into position. The nut can then be fastened to complete the connection. The nut can be operated by using a standard screwdriver.

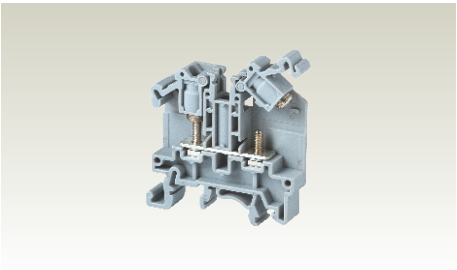
These Terminal Blocks have IP20 (Finger Safe) protection & do not need any additional shrouding.

Two Lugs can be connected to the Terminal, without sacrificing the safety of the Terminal Block.

STH4TP terminals have socket headed screws to accept standard Ø 4.3 mm test plugs.

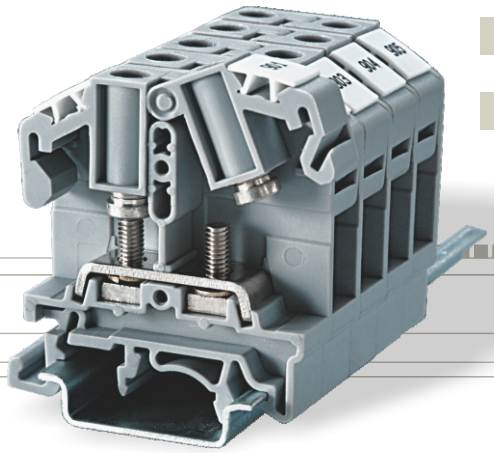
In STH3 & STH6 terminals internal shorting links can be used for cross connection. This is in addition to the available external shorting links.

STH3

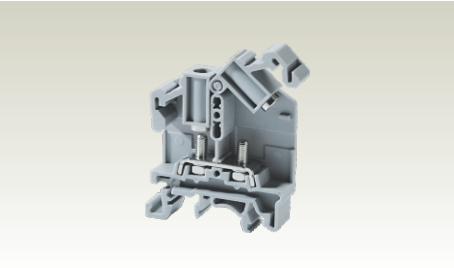


Width (Thickness) x Length		9 x 47 mm	
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		47.25 mm / 54.75 mm / 52.1 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2	22 - 8 AWG
	Solid with Ferrule / Lug	1.5 - 6.0 mm^2	
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2	22 - 8 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-7-1	UL-1059 / CSA22.2-158
Voltage		1000 V	600 V / 600 V
Current		41 A	50 A / 50 A
Torque		0.5 Nm	4.5 lb-in / 4.5 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block	With Standard Screw	STH3		100
	With Socket Headed Screw			
End Plate		EPSTH3		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Removable Shorting Links	2 pole	CA512/15-2	Imax.: 41 A	100
	3 pole	CA512/15-3	41 A	50
	4 pole	CA512/15-4	41 A	50
Insulated Removable Shorting Links	2 pole	CA514/15-2	Imax.: 41 A	100
	3 pole	CA514/15-3	41 A	50
	4 pole	CA514/15-4	41 A	50
Permanent Shorting Links	2 pole	CA512/17-2	Imax.: 41 A	100
	3 pole	CA512/17-3	41 A	50
	4 pole	CA512/17-4	41 A	50
Insulated Permanent Shorting Links	2 pole	CA514/17-2	Imax.: 41 A	100
	3 pole	CA514/17-3	41 A	50
	4 pole	CA514/17-4	41 A	50
Pre Assembled Shorting Links	2 pole	CA773/2	Imax.: 41 A	100
	3 pole	CA773/3	41 A	50
	4 pole	CA773/4	41 A	50
	10 pole	CA773/10	41 A	10
Marking Tags (Refer Pg. 187 for details)		CA509/K8		100
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm	10
Stud Size		M3		



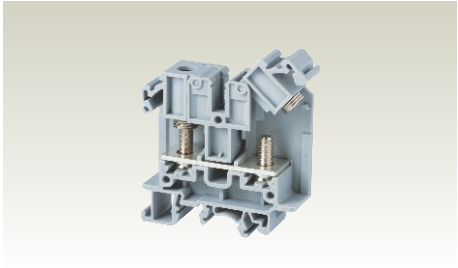
STH4 / STH4TP



11 x 46 mm			
52.2 mm / 59.0 mm / 56.4 mm			
IEC		UL - CSA	
1.5 - 6.0 mm²		22 - 8 AWG	
1.5 - 6.0 mm²			
1.5 - 6.0 mm²		22 - 8 AWG	
10 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
41 A	50 A	50 A	
1.2 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
STH4			50
STH4TP			50
EPSTH4			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/13-2	Imax.:	41 A	100
CA512/13-3		41 A	50
CA512/13-4		41 A	50
CA514/13-2	Imax.:	41 A	100
CA514/13-3		41 A	50
CA514/13-4		41 A	50
CA512/14-2	Imax.:	41 A	100
CA512/14-3		41 A	50
CA512/14-4		41 A	50
CA514/14-2	Imax.:	41 A	100
CA514/14-3		41 A	50
CA514/14-4		41 A	50
CA509/K10			100
SCS0.8/4	Blade size: 0.8 x 4 mm		10
M4			

STH6



18 x 63.9 mm			
63.1 mm / 70.6 mm / 68 mm			
IEC		UL - CSA	
1.5 - 35.0 mm²		22 - 2 AWG	
1.5 - 35.0 mm²		22 - 2 AWG	
12 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
125 A	115 A	115 A	
3.0 Nm	25 lb-in	25 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
STH6			50
EPSTH6			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA774/2	Imax.:	125 A	100
CA774/3		125 A	50
CA774/4		125 A	50
CA509/K16			100
SCS1/5.5	Blade size: 1.0 x 5.5 mm		10
M6			

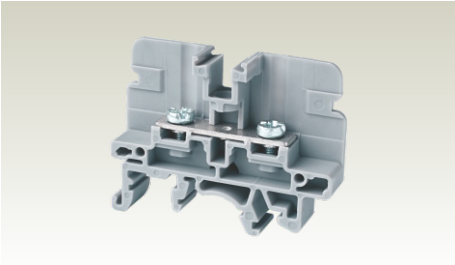
FEED THROUGH TERMINAL BLOCKS

CBS3U & CBS4U are barrier type Terminal Blocks for quick wire connection of ring & fork type lugs / ferrules.

CSB3/N3U & CSB4/N4U terminals are standard stud type terminals.CSB3/N3UL terminal has longer barrel nut for better access. The terminals can be operated using either a screw driver or a nut driver.

All the terminals can be shorted using both external & internal shorting links.

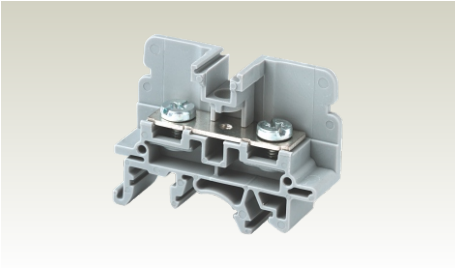
CBS3U



Width (Thickness) x Length		9 x 49 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		38 mm / 45.6 mm / 43.1 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	0.5 - 6.0 mm^2	22 - 8 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	0.5 - 4.0 mm^2	22 - 10 AWG	
Wire Stripping Length		9 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1100 V	600 V	600 V
Current		41 A	50 A	50 A
Torque		0.5 Nm	4.5 lb-in	4.5 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block	With Standard Screw With Standard Barrel Nut With Longer Barrel Nut	CBS3U		50
End Plate		EPCBS3U		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Removable Shorting Links	2 pole	CA512/15-2	Imax.: 41 A	100
	3 pole	CA512/15-3	41 A	50
	4 pole	CA512/15-4	41 A	50
Insulated Removable Shorting Links	2 pole	CA514/15-2	Imax.: 41 A	100
	3 pole	CA514/15-3	41 A	50
	4 pole	CA514/15-4	41 A	50
Permanent Shorting Links	2 pole	CA512/17-2	Imax.: 41 A	100
	3 pole	CA512/17-3	41 A	50
	4 pole	CA512/17-4	41 A	50
Insulated Permanent Shorting Links	2 pole	CA514/17-2	Imax.: 41 A	100
	3 pole	CA514/17-3	41 A	50
	4 pole	CA514/17-4	41 A	50
Pre Assembled Shorting Link	2 pole	CA728/2	Imax.: 41 A	100
	3 pole	CA728/3	41 A	100
	4 pole	CA728/4	41 A	100
	10 pole	CA728/10	41 A	10
Protective Cover for covering	2 Terminal	CSTSPC2		10
	3 Terminal	CSTSPC2-1		10
	4 Terminal			
Protective Cover in Length	100 mm	CSTSPC1-2		10
	200 mm	CSTSPC1-3		10
	300 mm	CSTSPC1-4		10
Marking Tags (Refer Pg. 187 for details)		CA509/K9		100
Screw Driver		SCPH2		10
Nut Driver				
Screw / Stud Size		M3		

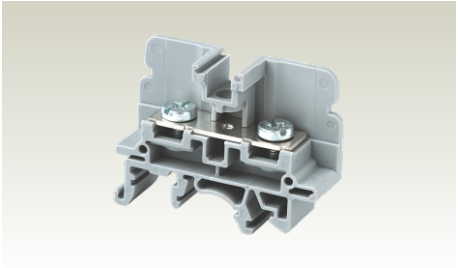
CBS4U



13 x 48.9 mm			
38 mm / 45.5 mm / 42.7 mm			
IEC		UL - CSA	
1.5 - 10.0 mm²		16 - 6 AWG	
1.5 - 6.0 mm²		16 - 8 AWG	
9 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1100 V	600 V	600 V	
57 A	65 A	65 A	
1.2 Nm	10 lb-in	10 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
CBS4U			50
EPCBS3U			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/2-2	Imax.:	57 A	100
CA512/2-3		57 A	50
CA512/2-4		57 A	50
CA514/2-2	Imax.:	57 A	100
CA514/2-3		57 A	50
CA514/2-4		57 A	50
CA512/4-2	Imax.:	57 A	100
CA512/4-3		57 A	50
CA512/4-4		57 A	50
CA514/4-2	Imax.:	57 A	100
CA514/4-3		57 A	50
CA514/4-4		57 A	50
CA772/2	Imax.:	57 A	100
CA772/3		57 A	100
CA772/4		57 A	100
CA772/10		57 A	10
CSTSPC2			10
CSTSPC2-1			10
CSTSPC1-2			10
CSTSPC1-3			10
CSTSPC1-4			10
CA509/K9			100
SCPH2			10
M4			

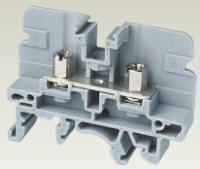
CBS5U



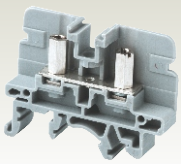
13 x 48.9 mm			
38 mm / 45.5 mm / 42.7 mm			
IEC		UL - CSA	
1.5 - 16.0 mm²		22 - 4 AWG	
1.5 - 10.0 mm²		22 - 6 AWG	
9 mm			
IEC60947-7-1	UL-1059		
1100 V	600 V		
76 A	85 A		
2.0 Nm	25 lb-pol.		
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
CBS5U			50
EPCBS3U			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/2-2	Imax.:	57 A	100
CA512/2-3		57 A	50
CA512/2-4		57 A	50
CA514/2-2	Imax.:	57 A	100
CA514/2-3		57 A	50
CA514/2-4		57 A	50
CA512/4-2	Imax.:	57 A	100
CA512/4-3		57 A	50
CA512/4-4		57 A	50
CA514/4-2	Imax.:	57 A	100
CA514/4-3		57 A	50
CA514/4-4		57 A	50
CA772/2	Imax.:	57 A	100
CA772/3		57 A	100
CA772/4		57 A	100
CA772/10		57 A	10
CSTSPC2			10
CSTSPC2-1			10
CSTSPC1-2			10
CSTSPC1-3			10
CSTSPC1-4			10
CA509/K9			100
SCPH2			10
M5			

CSB3/N3U & CSB3/N3UL



CSB3/N3U



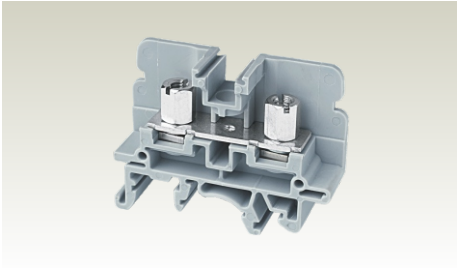
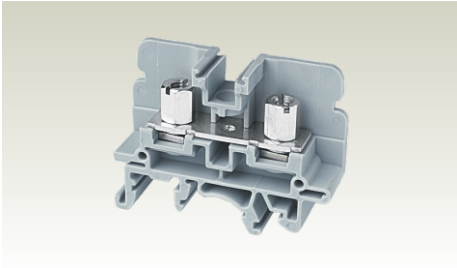
CSB3/N3UL

9 x 49 mm			
38 mm / 45.6 mm / 43.1 mm			
IEC		UL - CSA	
0.5 - 6.0 mm²		22 - 8 AWG	
0.5 - 4.0 mm²		22 - 10 AWG	
9 mm			
IEC60947-7-1	UL-1059	IEC60947-7-1	UL-1059
1100 V	600 V	800 V*	300 V*
41 A	50 A	41 A	50 A
0.5 Nm	4.5 lb-in	0.5 Nm	4.5 lb-in
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
CSB3/N3U			50
CSB3/N3UL			50
EPCBS3U			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/15-2	Imax.:	41 A	100
CA512/15-3		41 A	50
CA512/15-4		41 A	50
CA514/15-2	Imax.:	41 A	100
CA514/15-3		41 A	50
CA514/15-4		41 A	50
CA512/17-2	Imax.:	41 A	100
CA512/17-3		41 A	50
CA512/17-4		41 A	50
CA514/17-2	Imax.:	41 A	100
CA514/17-3		41 A	50
CA514/17-4		41 A	50
CA728/2	Imax.:	41 A	100
CA728/3		41 A	100
CA728/4		41 A	100
CA728/10		41 A	10
CSTSPC2			10
CSTSPC2-1			10
CSTSPC1-2			10
CSTSPC1-3			10
CSTSPC1-4			10
CA509/K9			100
SCS1/5.5	Blade size: 1.0 x 5.5 mm		10
SCNT5			10
M3			

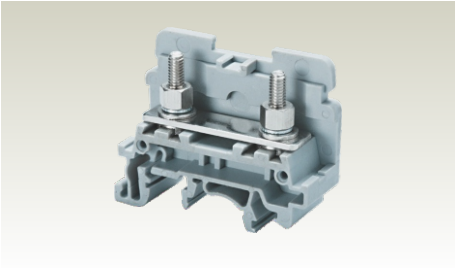
* Denotes Voltage Rating for CSB3/N3UL

FEED THROUGH TERMINAL BLOCKS

	CSB4/N4U	CSB5/N5U
		
Width (Thickness) x Length	13 x 48.9 mm	13 x 48.9 mm
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	38 mm / 45.5 mm / 42.7 mm	38 mm / 45.5 mm / 42.7 mm
Connection Possibility as per	IEC / UL - CSA	IEC / UL - CSA
With 1 Conductor per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 10.0 mm^2 / 16 - 6 AWG	1.5 - 16.0 mm^2 / 22 - 4 AWG
With 2 same size Conductors per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2 / 16 - 8 AWG	1.5 - 10.0 mm^2 / 22 - 6 AWG
Wire Stripping Length	9 mm	9 mm
Ratings As Per	IEC60947-7-1 UL-1059 CSA22.2-158	IEC60947-7-1 UL-1059
Voltage	1100 V / 600 V / 600 V	1100 V / 600 V
Current	57 A / 65 A / 65 A	76 A / 85 A
Torque	1.2 Nm / 10 lb-in / 10 lb-in	2.0 Nm / 25 lb-pol.
Approvals	IECEE, CE, cULus, cSPus, Lloyds Register	CE
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1	Polyamide 66 / 1
Rated Impulse Voltage / Pollution Degree	8 KV / 3	8 KV / 3

		CSB4/N4U Type / Cat. No.	Standard Pack	CSB5/N5U Type / Cat. No.	Standard Pack
Terminal Block		CSB4/N4U	50	CSB5/N5U	50
End Plate		EPCBS3U	50	EPCBS3U	50
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m	CA701	50 m
		CA701-15	50 m	CA701-15	50 m
		CA501	50 m	CA501	50 m
End Clamp (Refer Pg. 185 for details)		CA702	50	CA702	50
		CA802	50	CA802	50
Removable Shorting Links	2 pole	CA512/2-2 Imax.: 57 A	100	CA512/2-2 Imax.: 57 A	100
	3 pole	CA512/2-3 57 A	50	CA512/2-3 57 A	50
	4 pole	CA512/2-4 57 A	50	CA512/2-4 57 A	50
Insulated Removable Shorting Links	2 pole	CA514/2-2 Imax.: 57 A	100	CA514/2-2 Imax.: 57 A	100
	3 pole	CA514/2-3 57 A	50	CA514/2-3 57 A	50
	4 pole	CA514/2-4 57 A	50	CA514/2-4 57 A	50
Permanent Shorting Links	2 pole	CA512/4-2 Imax.: 57 A	100	CA512/4-2 Imax.: 57 A	100
	3 pole	CA512/4-3 57 A	50	CA512/4-3 57 A	50
	4 pole	CA512/4-4 57 A	50	CA512/4-4 57 A	50
Insulated Permanent Shorting Links	2 pole	CA514/4-2 Imax.: 57 A	100	CA514/4-2 Imax.: 57 A	100
	3 pole	CA514/4-3 57 A	50	CA514/4-3 57 A	50
	4 pole	CA514/4-4 57 A	50	CA514/4-4 57 A	50
Pre Assembled Shorting Link	2 pole	CA772/2 Imax.: 57 A	100	CA772/2 Imax.: 57 A	100
	3 pole	CA772/3 57 A	100	CA772/3 57 A	100
	4 pole	CA772/4 57 A	100	CA772/4 57 A	100
	10 pole	CA772/10 57 A	10	CA772/10 57 A	10
Protective Cover for covering	2 Terminal	CSTSPC2	10	CSTSPC2	10
	3 Terminal	CSTSPC2-1	10	CSTSPC2-1	10
	4 Terminal				
Protective Cover in Length	100 mm	CSTSPC1-2	10	CSTSPC1-2	10
	200 mm	CSTSPC1-3	10	CSTSPC1-3	10
	300 mm	CSTSPC1-4	10	CSTSPC1-4	10
Marking Tags (Refer Pg. 187 for details)		CA509/K9	100	CA509/K9	100
Screw Driver		SCS1/5.5 Blade size: 1.0 x 5.5 mm	10	SCS1/5.5 Blade size: 1.0 x 5.5 mm	10
Nut Driver					
Screw / Stud Size		M4		M5	

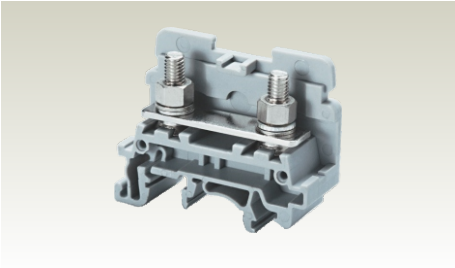
CSTSN4U



17 x 50 mm			
40.7 mm / 48.0 mm / 46.3 mm			
IEC		UL - CSA	
1.5 - 10.0 mm²		22 - 6 AWG	
1.5 - 10.0 mm²		22 - 6 AWG	
12 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
57 A	65 A	65 A	
1.2 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
CSTSN4U			100
EPCSTSU			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/1-2	Imax.:	76 A	100
CA512/1-3		76 A	50
CA512/1-4		76 A	50
CA514/1-2	Imax.:	76 A	100
CA514/1-3		76 A	50
CA514/1-4		76 A	50
CA512/3-2	Imax.:	76 A	100
CA512/3-3		76 A	50
CA512/3-4		76 A	50
CA514/3-2	Imax.:	76 A	100
CA514/3-3		76 A	50
CA514/3-4		76 A	50
CSTSPC1			100
CSTSPC1-1			100
CSTSPC1-2			10
CSTSPC1-3			10
CSTSPC1-4			10
CA509/K2B4			100
M4			

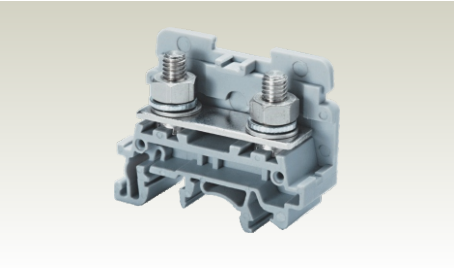
CSTSN5U



17 x 50 mm			
40.7 mm / 48.0 mm / 46.3 mm			
IEC		UL - CSA	
1.5 - 16.0 mm²		22 - 4 AWG	
1.5 - 16.0 mm²		22 - 4 AWG	
12 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
76 A	80 A	80 A	
2.0 Nm	25 lb-in	25 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
CSTSN5U			100
EPCSTSU			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/1-2	Imax.:	76 A	100
CA512/1-3		76 A	50
CA512/1-4		76 A	50
CA514/1-2	Imax.:	76 A	100
CA514/1-3		76 A	50
CA514/1-4		76 A	50
CA512/3-2	Imax.:	76 A	100
CA512/3-3		76 A	50
CA512/3-4		76 A	50
CA514/3-2	Imax.:	76 A	100
CA514/3-3		76 A	50
CA514/3-4		76 A	50
CSTSPC1			100
CSTSPC1-1			100
CSTSPC1-2			10
CSTSPC1-3			10
CSTSPC1-4			10
CA509/K2B4			100
M5			

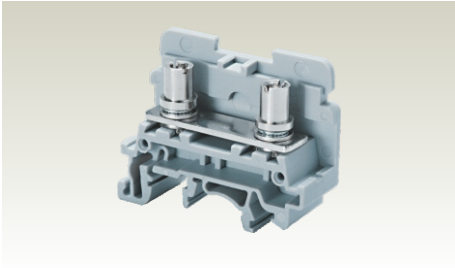
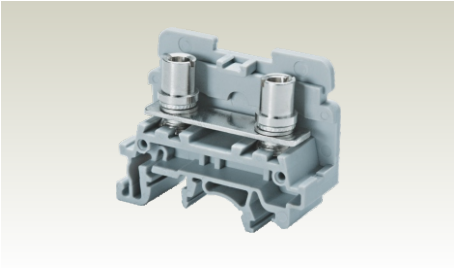
CSTSN6U



17 x 50 mm			
40.7 mm / 48.0 mm / 46.3 mm			
IEC		UL - CSA	
1.5 - 35.0 mm²		22 - 2 AWG	
1.5 - 35.0 mm²		22 - 2 AWG	
12 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
125 A	125 A	125 A	
3.0 Nm	25 lb-in	25 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
CSTSN6U			100
EPCSTSU			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/7-2	Imax.:	125 A	100
CA512/7-3		125 A	50
CA512/7-4		125 A	50
CA514/7-2	Imax.:	125 A	100
CA514/7-3		125 A	50
CA514/7-4		125 A	50
CA512/8-2	Imax.:	125 A	100
CA512/8-3		125 A	50
CA512/8-4		125 A	50
CA514/8-2	Imax.:	125 A	100
CA514/8-3		125 A	50
CA514/8-4		125 A	50
CSTSPC1			100
CSTSPC1-1			100
CSTSPC1-2			10
CSTSPC1-3			10
CSTSPC1-4			10
CA509/K2B4			100
M6			

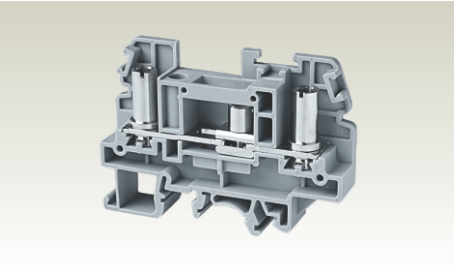
FEED THROUGH TERMINAL BLOCKS

	CSTSB4U	CSTSB5U
		
Width (Thickness) x Length	17 x 50 mm	17 x 50 mm
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail	40.7 mm / 48.0 mm / 46.3 mm	40.7 mm / 48.0 mm / 46.3 mm
Connection Possibility as per	IEC / UL - CSA	IEC / UL - CSA
With 1 Conductor per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 10.0 mm² / 22 - 6 AWG	1.5 - 16.0 mm² / 22 - 4 AWG
With 2 same size Conductors per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 10.0 mm² / 22 - 6 AWG	1.5 - 16.0 mm² / 22 - 4 AWG
Wire Stripping Length	12 mm	12 mm
Ratings As Per	IEC60947-7-1 UL-1059 CSA22.2-158	IEC60947-7-1 UL-1059 CSA22.2-158
Voltage	1000 V / 600 V / 600 V	1000 V / 600 V / 600 V
Current	57 A / 65 A / 65 A	76 A / 80 A / 80 A
Torque	1.2 Nm / 14 lb-in / 14 lb-in	2.0 Nm / 25 lb-in / 25 lb-in
Approvals	IECEE, CE, cULus, CSA us, Lloyd's Register	IECEE, CE, cULus, CSA us, Lloyd's Register
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1	Polyamide 66 / 1
Rated Impulse Voltage / Pollution Degree	8 KV / 3	8 KV / 3

		CSTSB4U Type / Cat. No.	Standard Pack	CSTSB5U Type / Cat. No.	Standard Pack
Terminal Block		CSTSB4U	100	CSTSB5U	100
End Plate		EPCSTSU	50	EPCSTSU	50
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m	CA701	50 m
		CA701-15	50 m	CA701-15	50 m
		CA501	50 m	CA501	50 m
End Clamp (Refer Pg. 185 for details)		CA702	50	CA702	50
		CA802	50	CA802	50
Removable Shorting Links	2 pole	CA512/1-2 Imax.: 76 A	100	CA512/1-2 Imax.: 76 A	100
	3 pole	CA512/1-3 76 A	50	CA512/1-3 76 A	50
	4 pole	CA512/1-4 76 A	50	CA512/1-4 76 A	50
Insulated Removable Shorting Links	2 pole	CA514/1-2 Imax.: 76 A	100	CA514/1-2 Imax.: 76 A	100
	3 pole	CA514/1-3 76 A	50	CA514/1-3 76 A	50
	4 pole	CA514/1-4 76 A	50	CA514/1-4 76 A	50
Permanent Shorting Links	2 pole	CA512/3-2 Imax.: 76 A	100	CA512/3-2 Imax.: 76 A	100
	3 pole	CA512/3-3 76 A	50	CA512/3-3 76 A	50
	4 pole	CA512/3-4 76 A	50	CA512/3-4 76 A	50
Insulated Permanent Shorting Links	2 pole	CA514/3-2 Imax.: 76 A	100	CA514/3-2 Imax.: 76 A	100
	3 pole	CA514/3-3 76 A	50	CA514/3-3 76 A	50
	4 pole	CA514/3-4 76 A	50	CA514/3-4 76 A	50
Protective Cover for covering	2 Terminal	CSTSPC1	100	CSTSPC1	100
	3 Terminal	CSTSPC1-1	100	CSTSPC1-1	100
	4 Terminal				
Protective Cover in Length	100 mm	CSTSPC1-2	10	CSTSPC1-2	10
	200 mm	CSTSPC1-3	10	CSTSPC1-3	10
	300 mm	CSTSPC1-4	10	CSTSPC1-4	10
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4	100	CA509/K2B4	100
Screw Driver		SCS1/5.5 Blade size: 1.0 x 5.5 mm	10	SCS1/5.5 Blade size: 1.0 x 5.5 mm	10
Screw / Stud Size		M4		M5	

DISCONNECT & TEST TERMINAL BLOCKS

CBDT4U



CBDT4U Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits.

Disconnection is achieved by means of a slide link operated with a Screw Driver.

CBDT4U terminals have a barrel nut configuration which can be operated with a screw driver.

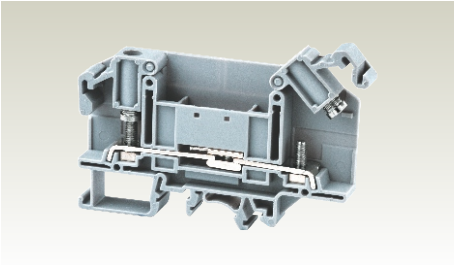
Adjacent terminal can be shorted with the aid of removable and permanent shorting link. Also pre assembled internal shorting link can be used for shorting. Temporary shorting can be achieved using SWCBDT switchable link assembly.

Width (Thickness) x Length		13 x 71 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		50.2 mm / 57.7 mm / 54.8 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2		16 - 8 AWG
	Solid with Ferrule / Lug	1.5 - 6.0 mm^2		
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2		16 - 8 AWG
Wire Stripping Length		8 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1100 V	600 V	600 V
Current		41 A	45 A	45 A
Torque		1.2 Nm	14 lb-in	14 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CBDT4U		50
End Plate		EPCBDT4U		25
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA502		100
		CA702		50
Removable Shorting Links	2 pole	CA512/2-2	Imax.: 41 A	100
	3 pole	CA512/2-3	41 A	50
	4 pole	CA512/2-4	41 A	50
Insulated Removable Shorting Links	2 pole	CA514/2-2	Imax.: 41 A	100
	3 pole	CA514/2-3	41 A	50
	4 pole	CA514/2-4	41 A	50
Permanent Shorting Links	2 pole	CA512/4-2	Imax.: 41 A	100
	3 pole	CA512/4-3	41 A	50
	4 pole	CA512/4-4	41 A	50
Insulated Permanent Shorting Links	2 pole	CA514/4-2	Imax.: 41 A	100
	3 pole	CA514/4-3	41 A	50
	4 pole	CA514/4-4	41 A	50
Protective Cover for covering	2 Terminal	CDTPC1		100
	3 Terminal	CDTPC2		100
Protective Cover in Length	100 mm	CDTPC3		10
	200 mm	CDTPC4		10
	300 mm	CDTPC5		10
Pre Assembled Shorting Link	2 pole	CA775/2	Imax.: 41 A	100
	3 pole	CA775/3	41 A	50
	4 pole	CA775/4	41 A	50
	10 pole	CA775/10	41 A	10
Switchable Link Assembly		SWCBDT	Imax.: 41 A	100
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4		100
Screw Driver		SCS1/5.5	Blade size: 1.0 x 5.5 mm	10
Stud Size		M4		

DISCONNECT & TEST TERMINAL BLOCKS

STH4DT



STH4DT Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers.

Seperate testing points facilitate insertion of test probes. Disconnection is achieved by means of a slide link operated with a Screw Driver.

STH4DTSH Terminal Block has 2 STH4DT Terminal Blocks shorted to achieve switchable cross connection for current transformers (on one side).

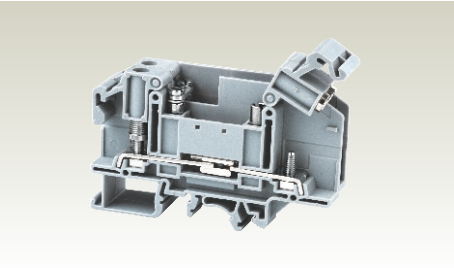
STH4DTFT is a feed through terminal with the same profile of the STH4DT Terminal Block.

In all of the above Terminal Blocks, two Lugs can be connected to the Terminal, without sacrificing the safety of the Terminal Block.

Width (Thickness) x Length		11 x 86 mm		
Height with DIN 35 x 7.5 / 35 x 15 / 32 mm Rail		52.2 mm / 59.0 mm / 56.4 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2		22 - 8 AWG
	Solid with Ferrule / Lug	1.5 - 10.0 mm^2		22 - 6 AWG
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2		22 - 8 AWG
Wire Stripping Length		10 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		41 A	35 A	35 A
Torque		1.2 Nm	14 lb-in	14 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		STH4DT		50
End Plate		EPSTH4DT		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
Removable Shorting Links	2 pole	CA512/13-2	Imax.: 41 A	100
	3 pole	CA512/13-3	41 A	50
	4 pole	CA512/13-4	41 A	50
Insulated Removable Shorting Links	2 pole	CA514/13-2	Imax.: 41 A	100
	3 pole	CA514/13-3	41 A	50
	4 pole	CA514/13-4	41 A	50
Permanent Shorting Links	2 pole	CA512/14-2	Imax.: 41 A	100
	3 pole	CA512/14-3	41 A	50
	4 pole	CA512/14-4	41 A	50
Insulated Permanent Shorting Links	2 pole	CA514/14-2	Imax.: 41 A	100
	3 pole	CA514/14-3	41 A	50
	4 pole	CA514/14-4	41 A	50
Insulated Alternate Permanent Shorting Links	3 pole	CA514/14-3A	Imax.: 41 A	10
	4 pole	CA514/14-4A	41 A	10
Shorting Plug		QJ11/2		25
Lock Out Cap		LCSTH4DT		25
Marking Tags (Refer Pg. 187 for details)		CA509/K10		100
Screw Driver		SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10
Stud Size		M4		

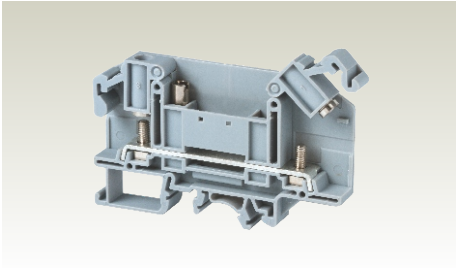
STH4DTSH



22 x 86 mm			
52.2 mm / 59.0 mm / 56.4 mm			
IEC		UL - CSA	
1.5 - 6.0 mm²		22 - 8 AWG	
1.5 - 10.0 mm²		22 - 6 AWG	
1.5 - 6.0 mm²		22 - 8 AWG	
10 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	300 V	300 V	
34 A	25 A	25 A	
1.2 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.			Standard Pack
STH4DTSH			24
EPSTH4DT			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/13-2	Imax.:	41 A	100
CA512/13-3		41 A	50
CA512/13-4		41 A	50
CA514/13-2	Imax.:	41 A	100
CA514/13-3		41 A	50
CA514/13-4		41 A	50
CA512/14-2	Imax.:	41 A	100
CA512/14-3		41 A	50
CA512/14-4		41 A	50
CA514/14-2	Imax.:	41 A	100
CA514/14-3		41 A	50
CA514/14-4		41 A	50
CA514/14-3A	Imax.:	41 A	10
CA514/14-4A		41 A	10
QJ11/2			25
LCSTH4DT			25
CA509/K10			100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10
M4			

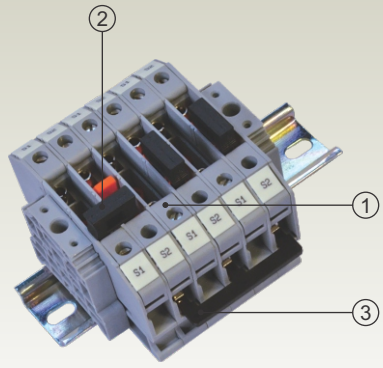
STH4DTFT

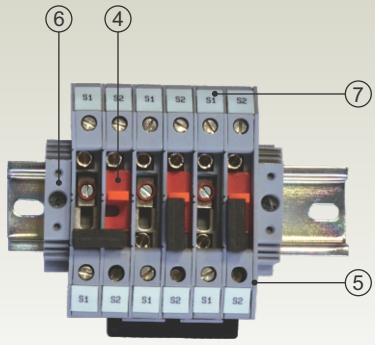


11 x 86 mm			
52.2 mm / 59.0 mm / 56.4 mm			
IEC		UL - CSA	
1.5 - 6.0 mm²		22 - 8 AWG	
1.5 - 10.0 mm²		22 - 6 AWG	
1.5 - 6.0 mm²		22 - 8 AWG	
10 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	300 V	
41 A	30 A	30 A	
1.2 Nm	14 lb-in	14 lb-in	
Polyamide 66 / 1			
8 KV / 3			

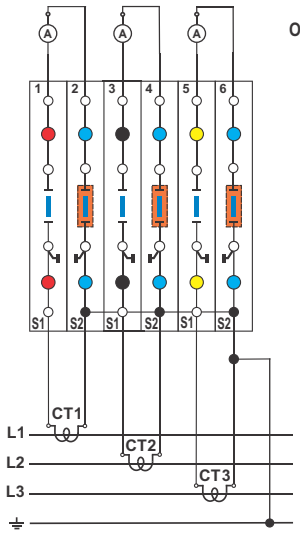
Type / Cat. No.			Standard Pack
STH4DTFT			50
EPSTH4DT			50
CA701			50 m
CA701-15			50 m
CA501			50 m
CA702			50
CA802			50
CA512/13-2	Imax.:	41 A	100
CA512/13-3		41 A	50
CA512/13-4		41 A	50
CA514/13-2	Imax.:	41 A	100
CA514/13-3		41 A	50
CA514/13-4		41 A	50
CA512/14-2	Imax.:	41 A	100
CA512/14-3		41 A	50
CA512/14-4		41 A	50
CA514/14-2	Imax.:	41 A	100
CA514/14-3		41 A	50
CA514/14-4		41 A	50
CA514/14-3A	Imax.:	41 A	10
CA514/14-4A		41 A	10
CA509/K10			100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm		10
M4			

Usage of STH4DT Test Disconnect Terminal Block for metering CT for 3 wire system

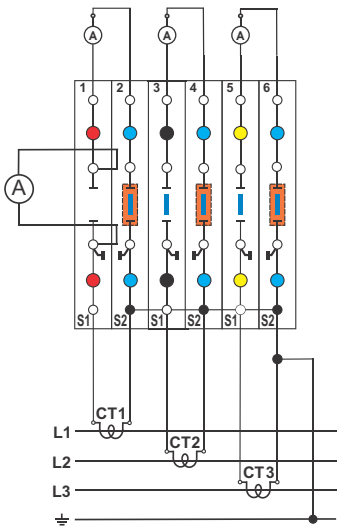




No.	Cat. No.	Qty.
1	STH4DT	6
2	QJ11/2	3
3	CA514/14-3A	1
4	LCSTH4DT	3
5	EPSTH4DT	1
6	CA202	2
7	CA509/K10	12

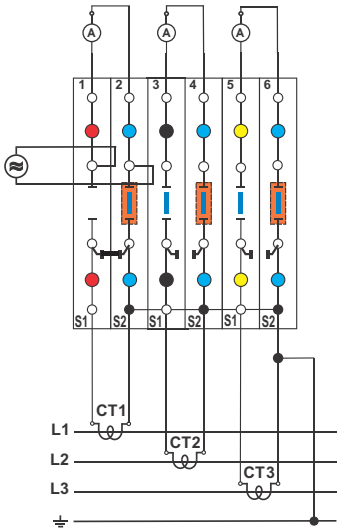


Operating Status



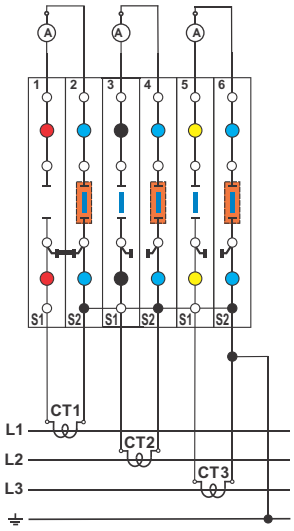
Measurement Standard for Phase L1

Sequence for test :
1) Connect a Ammeter to test sockets of terminal 1
2) Open disconnect slide link of terminal 1
3) Take the measurement



Measurement with External Current Source

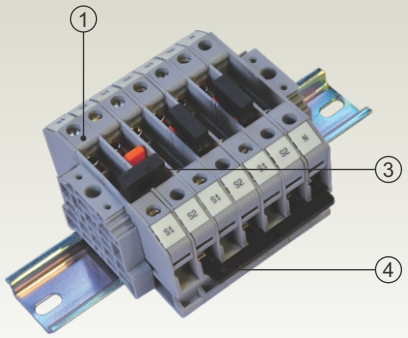
Sequence for test :
1) Close the terminals 1 & 2 with shorting plug QJ11/2
2) Open disconnect slide link of terminal 1
3) Connect the external source to the test sockets of the terminals 1 & 2.
4) Take the measurement

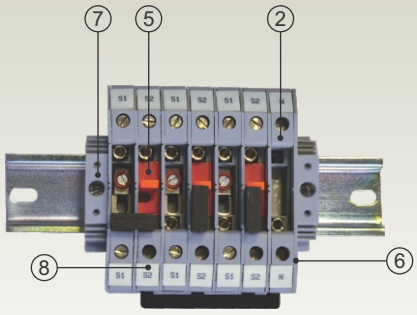


Replacement Meter for Phase L1

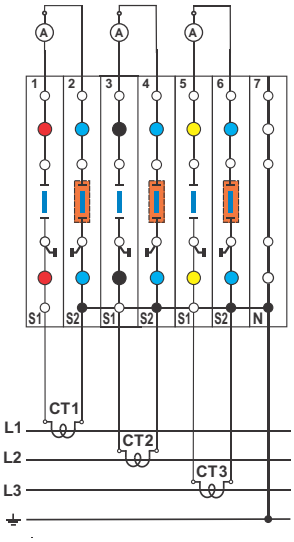
Sequence for test :
1) Close the terminals 1 & 2 with shorting plug QJ11/2
2) Open disconnect slide link of terminal 1
3) Disconnect the meter from phase R of the terminals 1 & 2.
4) Replace the meter

Usage of STH4DT Test Disconnect Terminal Block for metering CT for 4 wire system

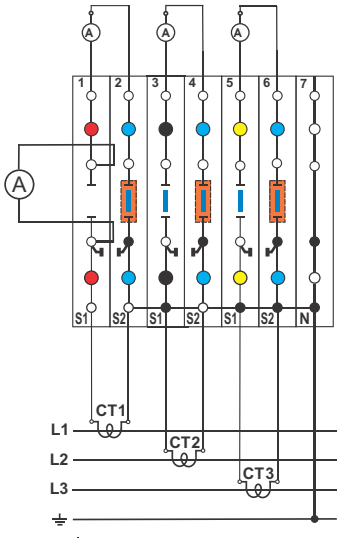




No.	Cat. No.	Qty.
1	STH4DT	6
2	STH4DTFT	1
3	QJ11/2	3
4	CA514/14-4A	1
5	LCSTH4DT	3
6	EPSTH4DT	1
7	CA202	2
8	CA509/K10	14

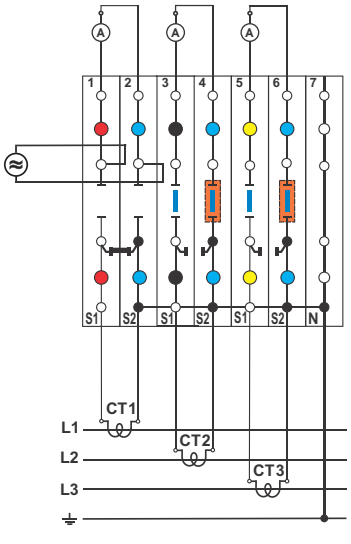


Normal Operating Status



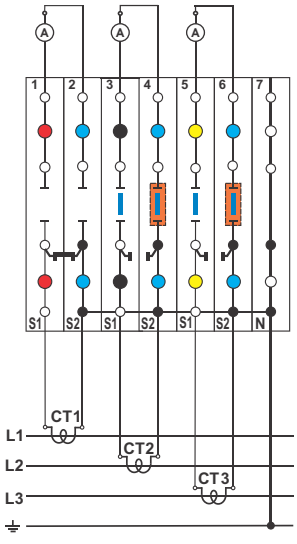
Measurement Standard for Phase L1

Sequence for test :
1) Connect a Ammeter to test sockets 1 A (Red)
2) Open disconnect slide link of terminal 1
3) Take the measurement



Measurement with External Current Source

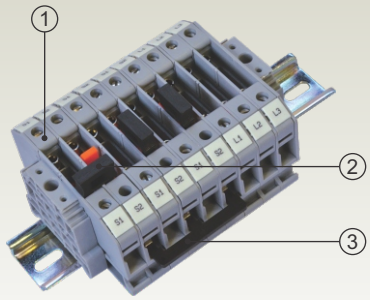
Sequence for test :
1) Close the Terminals 1 & 2 with shorting plug QJ11/2
2) Open disconnect slide link of terminal 1
3) Connect the external power supply to the test sockets of the terminals 1 & 2.
4) Take the measurement

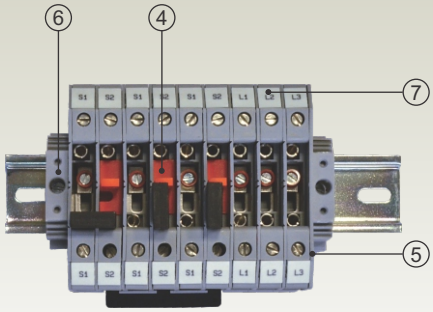


Replacement Meter for Phase L1

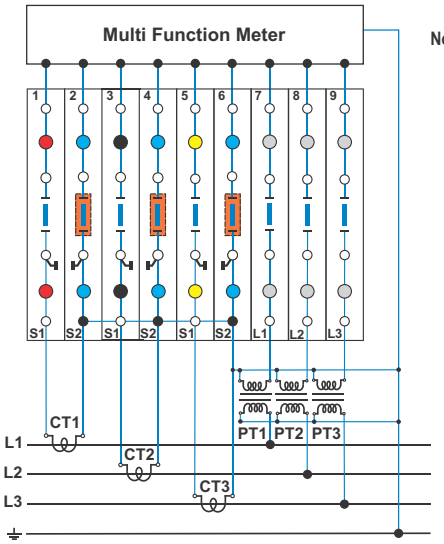
Sequence for test :
1) Close the Terminals 1 & 2 with shorting plug QJ11/2
2) Open disconnect slide link of terminal 1
3) Disconnect the meter from phase R of the terminals 1 & 2.
4) Replace the meter

Usage of STH4DT Test Disconnect Terminal Block for multi function meter for 3 wire system

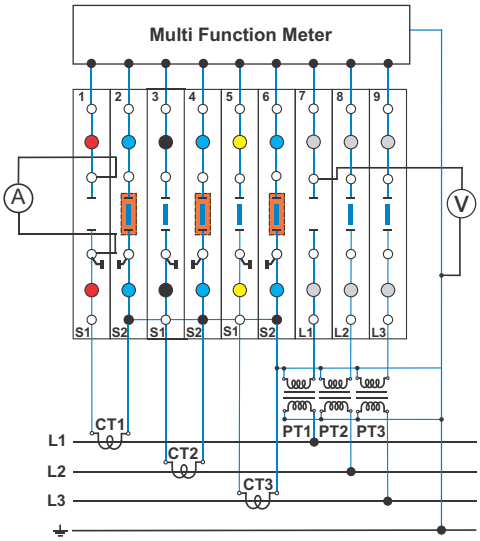




No.	Cat. No.	Qty.
1	STH4DT	9
2	QJ11/2	3
3	CA514/14-3A	1
4	LCSTH4DT	3
5	EPSTH4DT	1
6	CA202	2
7	CA509/K10	18



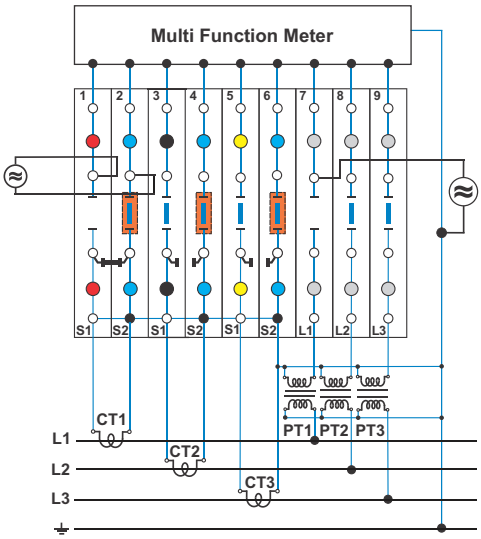
Normal Operation



Measurement Standard for Phase L1

Sequence for test :

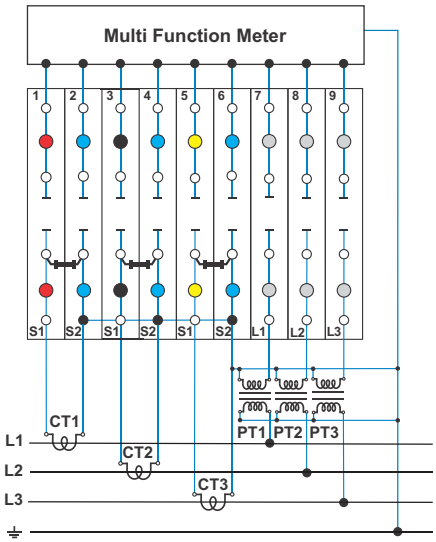
1) Connect the ammeter to the test socket of terminal 1
2) Open the disconnect slide link to terminal 1
3) Connect voltmeter to the test socket of terminal 7 & common point (Ground).
4) Open the sliding contact 7
5) Take the measurement



Measurement with External Current & Voltage Source

Sequence for test :

1) Close the terminals 1 and 2 with shorting plug QJ11/2
2) Open the disconnect slide link of terminal 1
3) Connect the external source in the test sockets of terminal 1 & 2
4) Open the disconnect slide link of terminal 7
5) Connect the external source between in the test socket of terminal 7 & common point (Ground)
6) Take the reading
7) Repeat the procedure from point 1 to 6 for L2 & L3 phase

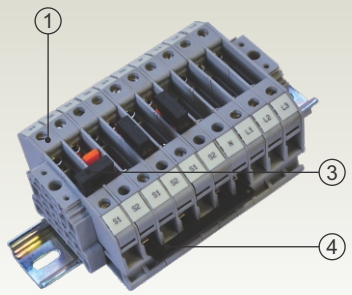


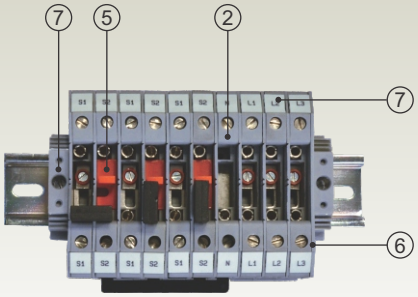
Replacement of Meter

Sequence for test :

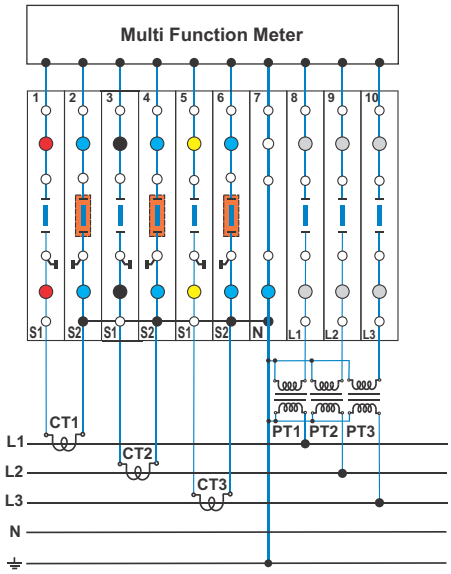
1) Close the terminals 1 & 2, 3 & 4, 5 & 6 with shorting plug QJ11/2
2) Open the disconnect slide link of terminal 1 to 9
3) Disconnect the meter
4) Replace the meter
5) Close all the disconnect slide link of terminal 1 to 9.
6) Remove the shorting plug QJ11/2 from 1 & 2, 3 & 4, 5 & 6.

Usage of STH4DT Test Disconnect Terminal Block for multi function meter for 4 wire system

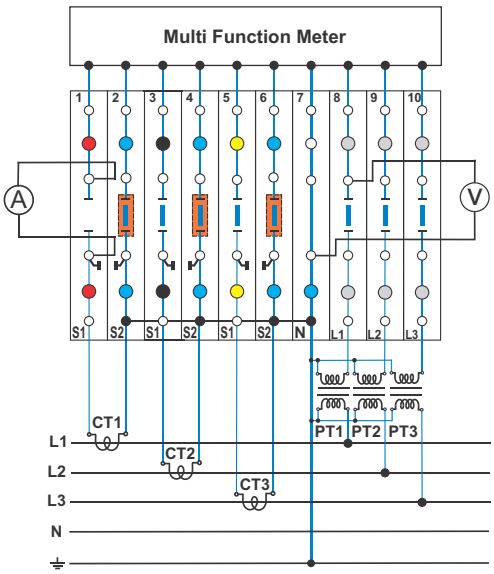




No.	Cat. No.	Qty.
1	STH4DT	9
2	STH4DTFT	1
3	QJ11/2	3
4	CA514/14-4A	1
5	LCSTH4DT	3
6	EPSTH4DT	1
7	CA202	2
8	CA509/K10	20



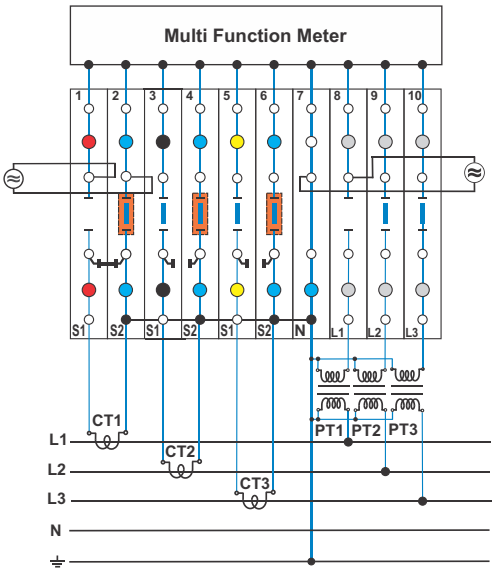
Normal Operation



Measurement Standard for Phase L1

Sequence for test :

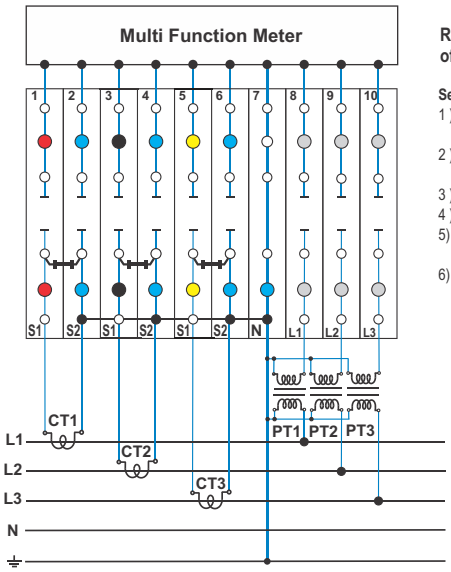
1) Connect the ammeter to the test socket of terminal 1
2) Open the disconnect slide link of terminal 1
3) Take the measurement
4) Connect voltmeter to terminal 7 & 8
5) Take the measurement



Measurement with External Current & Voltage Source

Sequence for test :

1) Close the terminals 1 and 2 with shorting plug QJ11/2
2) Open the disconnect slide link of terminal 1
3) Connect the external source in the test sockets of terminal 1 & 2
4) Open the disconnect slide link of terminal 7
5) Connect the external source between in the test socket of terminal 7 & common point (Ground)
6) Take the reading
7) Repeat the procedure from point 1 to 6 for L2 & L3 phase



Replacement of Meter

Sequence for test :

1) Close the terminals 1 & 2, 3 & 4, 5 & 6 with shorting plug QJ11/2
2) Open the disconnect slide link of terminal 1 to 9
3) Disconnect the meter
4) Replace the meter
5) Close all the disconnect slide link of terminal 1 to 9.
6) Remove the shorting plug QJ11/2 from 1 & 2, 3 & 4, 5 & 6.

POWER TERMINAL BLOCKS

CBB35/50 & CBB35/50LS

CBB35/50

CBB35/50LS

CBB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed Mounting Feet holds the Terminal Block rigidly on to the Mounting Rail.

Two Lugs of the rated cross section can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block.

PPCBB series partition plates can be installed even after assembly of cables on the Terminal Blocks.

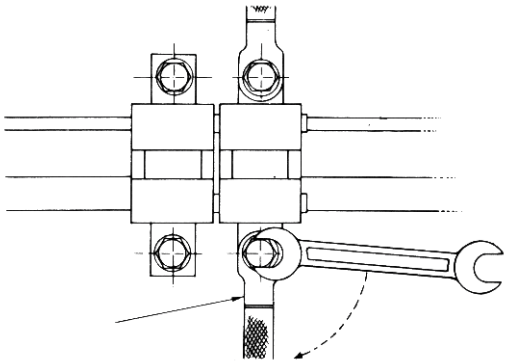
Terminals with suffix LS have a standard slotted bolt assembled in the threaded bus bar. This enables faster wiring without the need of two wrenches / spanners.

Width (Thickness) x Length	32 x 75 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	47.5 mm / 54.5 mm		
Connection Possibility as per	IEC	UL - CSA	
With 1 Conductor per clamp — Stranded / Flexible with Ferrule / Lug	6 - 50.0 mm^2	10 - 1/0 AWG	
With 2 same size Conductors per clamp — Stranded / Flexible with Ferrule / Lug	6 - 50.0 mm^2	10 - 1/0 AWG	
Wire Stripping Length	18 mm		
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158
Voltage	1000 V	600 V	600 V
Current	150 A	150 A	150 A
Torque	3.0 Nm	27 lb-in	27 lb-in
Approvals	IECEE, CE, UL, CSA, Lloyds Register		
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree	8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block	With Nut & Bolt configuration	CBB35/50	10
	With Threaded Current Bar	CBB35/50LS	10
Partition Plate		PPCBB	50
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m
		CA701-15	50 m
End Clamp (Refer Pg. 185 for details)		CA202	50
		CA702	50
		CA802	50
Protective Cover for installing on PPCBB & PPCBB1	70 mm	CBBPC1/70	10
	80 mm	CBBPC1/80	10
	100 mm	CTSPC2-1	10
	130 mm	CBBPC1/130	10
	160 mm	CBBPC1/160	10
	200 mm	CBBPC1/200	10
	250 mm	CBBPC1/250	10
Permanent Shorting Links	2 pole	CA790/2	
	3 pole	CA790/3	
Marking Tags (Refer Pg. 187 for details)		CA509/K12	
Bolt Size		M6	

Installation instruction:

It is recommended to provide a back support to the wire while tightening the clamping bolt to avoid deformation of the mounting rail or to prevent damage of the Terminal Block by torsional force.



CBB70 & CBB70LS

38 x 92 mm			
47.5 mm / 54.5 mm			
IEC		UL - CSA	
6 - 70.0 mm^2		8 - 2/0 AWG	
6 - 70.0 mm^2		8 - 2/0 AWG	
18 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
192 A	175 A	175 A	
6.0 Nm	54.5 lb-in	54.5 lb-in	
Polyamide 66 / 1			
8 KV / 3			

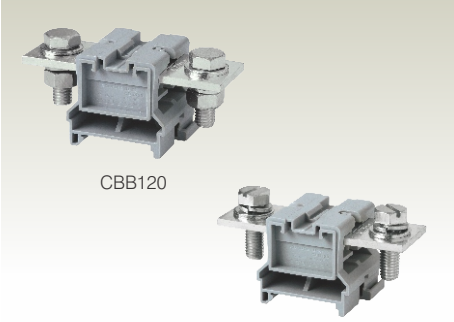
Type / Cat. No.	Standard Pack
CBB70	10
CBB70LS	10
PPCBB	50
CA701	50 m
CA701-15	50 m
CA202	50
CA702	50
CA802	50
CBBPC1/70	10
CBBPC1/80	10
CTSPC2-1	10
CBBPC1/130	10
CBBPC1/160	10
CBBPC1/200	10
CBBPC1/250	10
CA791/2	10
CA791/3	10
CA509/K16	100
M8	

CBB95 & CBB95LS

38 x 92 mm			
47.3 mm / 54.5 mm			
IEC		UL - CSA	
16 - 95.0 mm^2		8 - 4/0 AWG	
16 - 95.0 mm^2		8 - 4/0 AWG	
20 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
232 A	230 A	230 A	
10.0 Nm	90 lb-in	90 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.	Standard Pack
CBB95	10
CBB95LS	10
PPCBB1	50
CA701	50 m
CA701-15	50 m
CA202	50
CA702	50
CA802	50
CBBPC2/100	10
CBBPC2/160	10
CBBPC2/200	10
CBBPC2/250	10
CA791/2	10
CA791/3	10
CA509/K16	100
M10	

CBB120 & CBB120LS



48 x 100 mm			
47.3 mm / 54.5 mm			
IEC		UL - CSA	
16 - 120.0 mm^2		8 - 250 KCMIL	
16 - 120.0 mm^2		8 - 250 KCMIL	
22 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
269 A	255 A	255 A	
10.0 Nm	90 lb-in	90 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.	Standard Pack
CBB120	10
CBB120LS	10
PPCBB1	50
CA701	50 m
CA701-15	50 m
CA202	50
CA702	50
CA802	50
CBBPC2/100	10
CBBPC2/160	10
CBBPC2/200	10
CBBPC2/250	10
CA793/2	10
CA793/3	10
CA509/K16	100
M10	

POWER TERMINAL BLOCKS

CBB150 & CBB150LS

CBB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed Mounting Feet holds the Terminal Block rigidly on to the Mounting Rail.

Two Lugs of the rated cross section can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block.

PPCBB series partition plates can be installed even after assembly of cables on the Terminal Blocks.

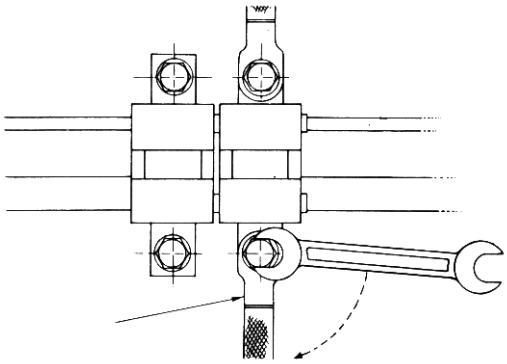
Terminals with suffix LS have a standard slotted bolt assembled in the threaded bus bar. This enables faster wiring without the need of two wrenches / spanners.

Width (Thickness) x Length		48 x 110 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		47.3 mm / 54.5 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	16 - 150.0 mm^2	8 - 300 KCMIL	
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	16 - 150.0 mm^2	8 - 300 KCMIL	
Wire Stripping Length		18 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		309 A	285 A	285 A
Torque		14.0 Nm	127 lb-in	127 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

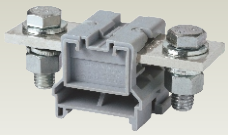
		Type / Cat. No.	Standard Pack
Terminal Block	With Nut & Bolt configuration	CBB150	10
	With Threaded Current Bar	CBB150LS	10
End Plate		PPCBB1	50
Mounting Rail (Refer Pg. 184 for details)		CA701	50 m
		CA701-15	50 m
End Clamp (Refer Pg. 155for details)		CA202	50
		CA702	50
		CA802	50
Protective Cover for installing on PPCBB1	100 mm	CBBPC2/100	10
	160 mm	CBBPC2/160	10
	200 mm	CBBPC2/200	10
	250 mm	CBBPC2/250	10
Permanent Shorting Links	2 pole	CA794/2	10
	3 pole	CA794/3	10
Marking Tags (Refer Pg. 187 for details)		CA509/K16	100
Bolt Size		M12	

Installation instruction:

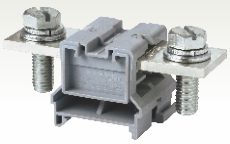
It is recommended to provide a back support to the wire while tightening the clamping bolt to avoid deformation of the mounting rail or to prevent damage of the Terminal Block by torsional force.



CBB185 & CBB185LS



CBB185



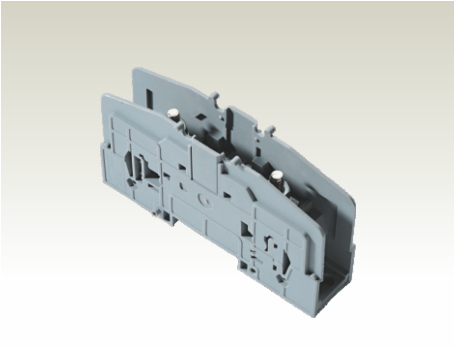
CBB185LS

48 x 110 mm			
47.3 mm / 54.5 mm			
IEC		UL - CSA	
16 - 185.0 mm^2		8 - 350 KCMIL	
16 - 185.0 mm^2		8 - 350 KCMIL	
18 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
353 A	310 A	310 A	
14.0 Nm	127 lb-in	127 lb-in	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.	Standard Pack
CBB185	10
CBB185LS	10
PPCBB1	50
CA701	50 m
CA701-15	50 m
CA202	50
CA702	50
CA802	50
CBBPC2/100	10
CBBPC2/160	10
CBBPC2/200	10
CBBPC2/250	10
CA794/2	10
CA794/3	10
CA509/K16	100
M12	

POWER TERMINAL BLOCKS

PTB35/50



PTB series Terminal Blocks are preferred for application using wires of large cross section. The Wire is crimped to a ring / fork lug and is screwed on to the flat current bar of the Terminal Block. Specially designed Mounting Feet holds the Terminal Block rigidly on to the Mounting Rail.

Two Lugs of the rated cross section can be connected to the Terminal Block, without sacrificing the safety of the Terminal Block. In PTB35SH, PTB70SH Terminal Blocks a hinged protective cover makes the Terminal Block shock proof (finger safe) and has marker recess to accept marking tag.

The Terminal Blocks can be stacked together by pressing the adjacent Terminal Blocks firmly*. Adjacent terminals can be shorted by removing a thin wall partition and using 2/3/4 pole shorting system.

Optional Marker Holder MHPTB35 can be used for installing marking tags on the Terminal Blocks without protective covers.

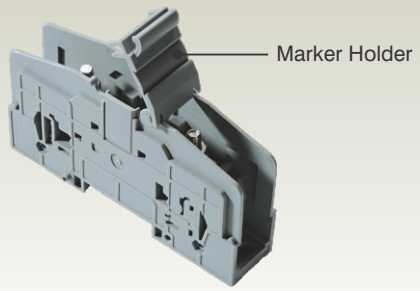
The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

* M3 Screw of desired length with nut can be used optionally to secure the stack.

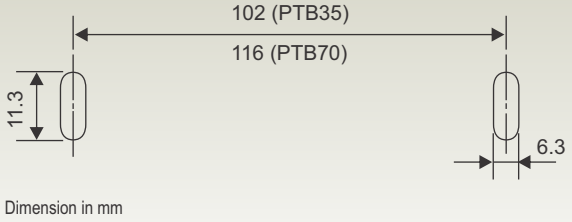
Width (Thickness) x Length	25 x 113 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	61.0 mm / 68.3 mm			
Connection Possibility as per	IEC		UL - CSA	
With 1 Conductor per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 50.0 mm^2		8 - 2 AWG	
With 2 same size Conductors per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 50.0 mm^2		8 - 2 AWG	
Wire Stripping Length	18 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7
Voltage	1000 V	600 V	600 V	1100 V
Current	150 A	115 A	115 A	126 A
Torque	3.0 Nm	27 lb-in	27 lb-in	3.0 Nm
Approvals				
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		PTB35/50		100
Protective Cover		PSPTB35		20
Mounting Rail	(Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m
End Clamp	(Refer Pg. 185 for details)	CA202 CA102		50 50
Shorting System	2 pole	CA703/9	Imax.: 150 A	10
	3 pole	CA704/9	150 A	10
	4 pole	CA705/9	150 A	10
Marking Tags	(Refer Pg. 187 for details)	CA509/K9		100
Marker Holder		MHPTB35		10
Bolt Size		M6		

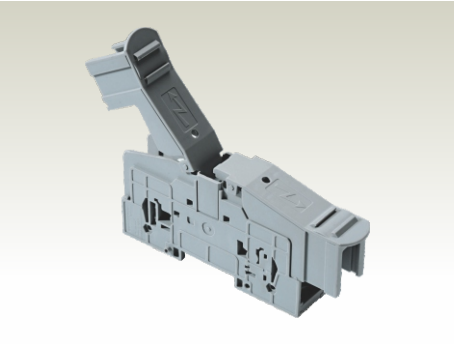
PTB35 with optional MHPTB35



Panel Mounting Hole Details



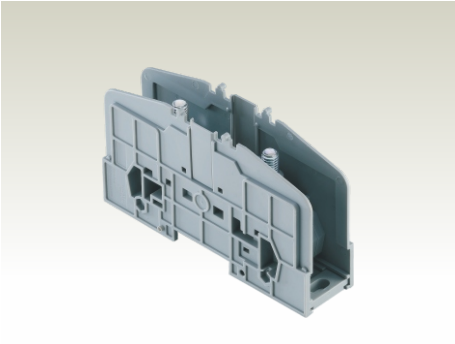
PTB35/50SH



25 x 169 mm			
66.5 mm / 73.6 mm			
IEC		UL - CSA	
1.5 - 50.0 mm²		8 - 2 AWG	
1.5 - 50.0 mm²		8 - 2 AWG	
18 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC60079-7
1000 V	600 V	600 V	1100 V
150 A	115 A	115 A	126 A
3.0 Nm	27 lb-in	27 lb-in	3.0 Nm
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
PTB35/50SH		10
CA701		50 m
CA701-15		50 m
CA202		50
CA102		50
CA703/9	Imax.: 150 A	10
CA704/9	150 A	10
CA705/9	150 A	10
CA509/K9		100
M6		

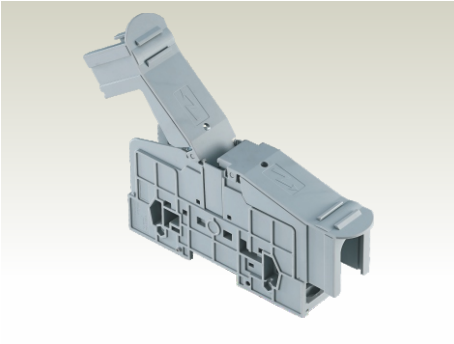
PTB70/95



32 x 130 mm			
76.6 mm / 84.5 mm			
IEC		UL - CSA	
1.5 - 95.0 mm²		8 - 4/0 AWG	
1.5 - 95.0 mm²		8 - 4/0 AWG	
18 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
232 A	230 A	230 A	
10.0 Nm	87 lb-in	87 lb-in	
Polyamide 66 / 1			
8 KV / 3			

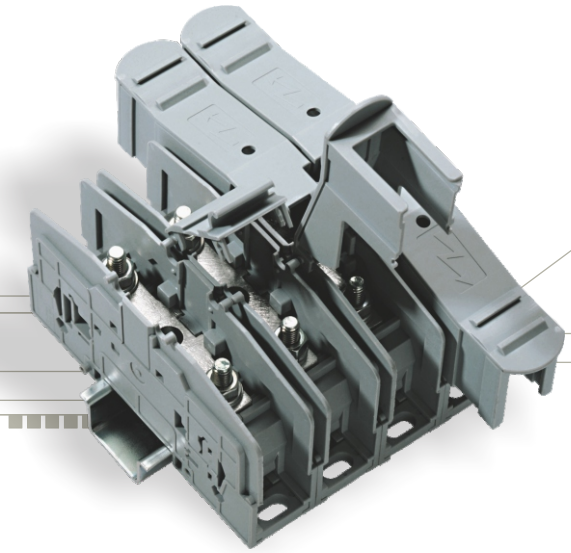
Type / Cat. No.		Standard Pack
PTB70/95		10
PSPTB70		20
CA701		50 m
CA701-15		50 m
CA202		50
CA102		50
CA703/11	Imax.: 232 A	10
CA704/11	232 A	10
CA705/11	232 A	10
CA509/K9		100
MHPTB70		10
M8		

PTB70/95SH



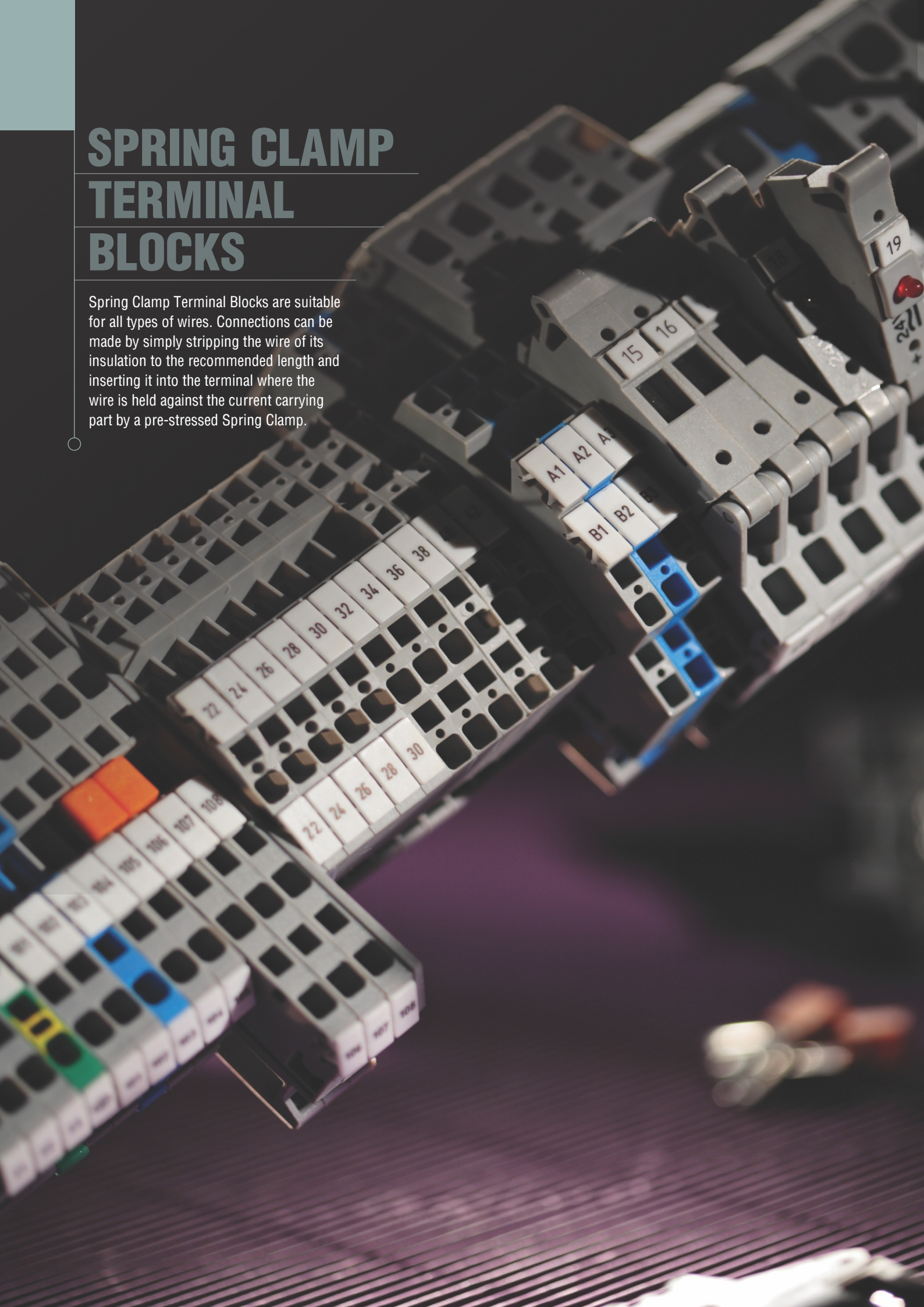
32 x 192 mm			
78.0 mm / 86.0 mm			
IEC		UL - CSA	
1.5 - 95.0 mm²		8 - 4/0 AWG	
1.5 - 95.0 mm²		8 - 4/0 AWG	
18 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	
1000 V	600 V	600 V	
232 A	230 A	230 A	
10.0 Nm	87 lb-in	87 lb-in	
Polyamide 66 / 1			
8 KV / 3			

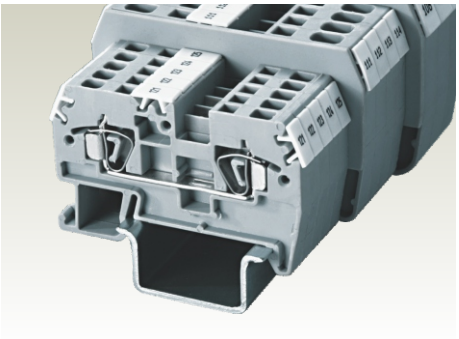
Type / Cat. No.		Standard Pack
PTB70/95SH		10
CA701		50 m
CA701-15		50 m
CA202		50
CA102		50
CA703/11	Imax.: 232 A	10
CA704/11	232 A	10
CA705/11	232 A	10
CA509/K9		100
M8		



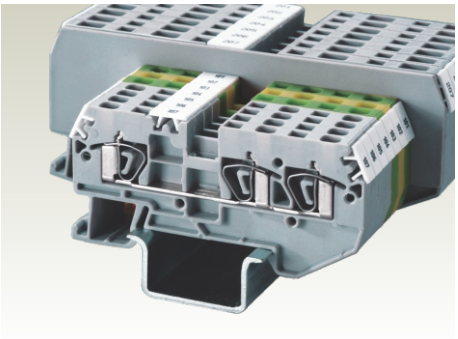
SPRING CLAMP TERMINAL BLOCKS

Spring Clamp Terminal Blocks are suitable for all types of wires. Connections can be made by simply stripping the wire of its insulation to the recommended length and inserting it into the terminal where the wire is held against the current carrying part by a pre-stressed Spring Clamp.

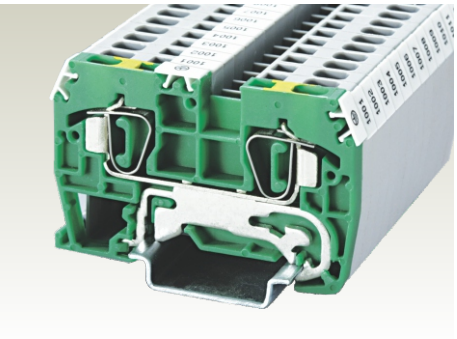




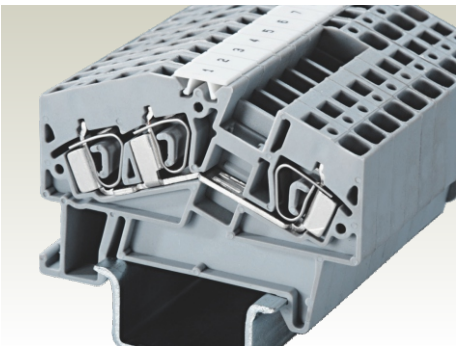
High quality stainless steel spring clamps provides a gas tight connection. A vibration proof, anti-loosening wire connection is achieved with this pre-stressed spring clamp system.



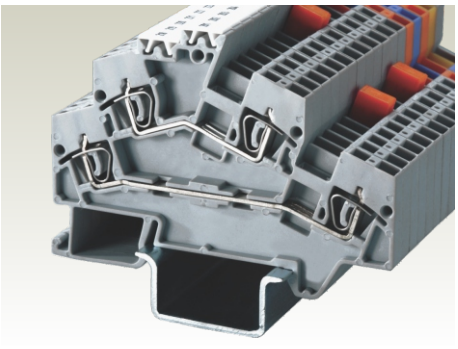
Multi connection Terminal Blocks are used for applications involving more than one same potential wires to be connected.



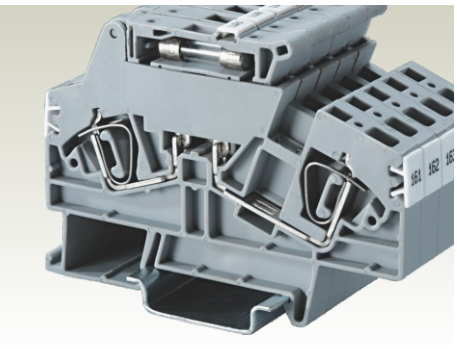
Ground Terminal Blocks have specially designed alloy feet which snap on to the DIN rail. They are green-yellow colour coded as per industry norms.



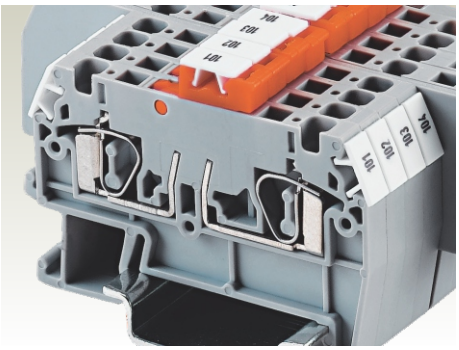
The AS series Terminal Blocks have an angled wire entry making it suitable for underfloor wiring systems. These Terminal Blocks are compact with the 2 wire, 3 wire & 4 wire terminals having the same profile.



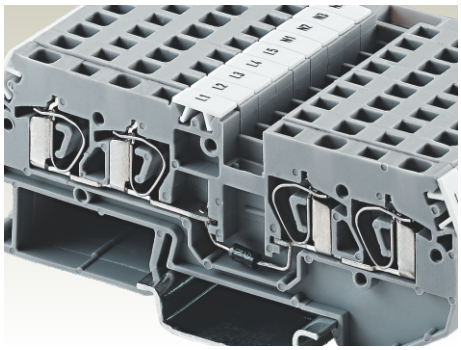
Double level Terminal Blocks enable high density wiring. Each level can be independently shorted to suit various applications.



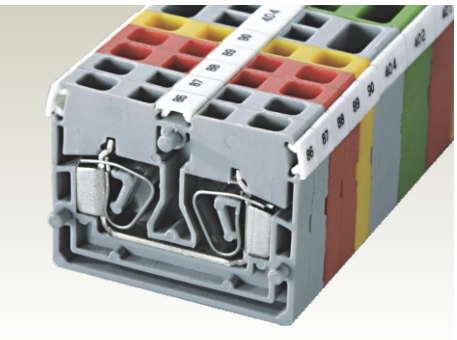
These Fuse Terminal Blocks can be used for Ø 5 x 20 and Ø 5 x 25 glass cartridge fuses. A spare cartridge fuse can be accommodated in the fuse carrier.



The spring clamp knife disconnect terminal system enables isolation of circuits. A standard test plug can be used with these Terminal Blocks.



These Terminal Blocks with electronic components are designed to meet various rectification and filtering application requirements.



The CSCP series Terminal Blocks are an ideal choice for equipment wire terminations. They can be easily mounted on the panel surface with the help of with fixing screws.

FEED THROUGH TERMINAL BLOCKS

In Spring Clamp Terminal Blocks the wire is held directly against the current bar by pre-stressed spring clamps.

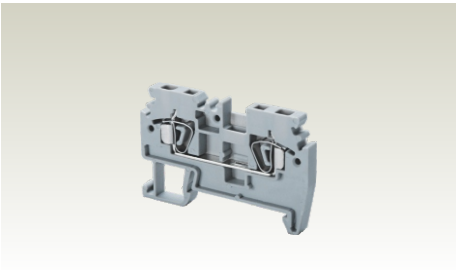
The spring clamp is operated by using a screw driver to provide an access to the wire through an opening in the spring clamp. The inserted wire gets clamped on to the current bar when the screw driver is removed.

Cross Connection is done with Insulated Push-in / wire type shorting links.

Step Down shorting links are used for shorting spring clamp Terminal Blocks of different sizes. For more details refer page 160.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

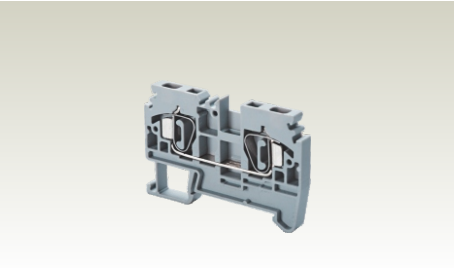
CSC2.5T



Width (Thickness) x Length		5 x 58 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		37.4 mm / 44.8 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG	
	Solid	0.2 - 4.0 mm^2		22 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2		22 - 16 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	600 V	600 V	550 V
Current		24 A	25 A	25 A	21 A
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		CSC2.5T		100
End Plate		EPCSC2.5T		50
Partition Plate		PPCSC2.5T		50
Mounting Rail	(Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m
End Clamp	(Refer Pg. 185 for details)	CA702 CA802 CA103		50 50 50
Insulated Push-In Type Shorting Link (2 pole)		CA801/1	Imax.: 24 A	100
Alternate Link		CA801/1-3	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/1	Imax.: 17.5 A	100
Step Down Shorting Link				
Marking Tags	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

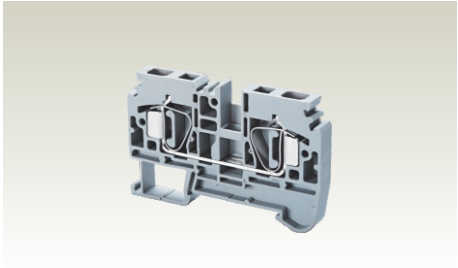
CSC4T



6 x 65 mm			
44.5 mm / 51.8 mm			
IEC		UL - CSA	
0.2 - 4.0 mm²		22 - 12 AWG	
0.2 - 6.0 mm²		22 - 10 AWG	
0.2 - 4.0 mm²		22 - 12 AWG	
0.2 - 2.5 mm²		22 - 12 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	550 V
32 A	25 A	25 A	28 A
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CSC4T		100
EPCSC4T		50
PPCSC4T		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/2	Imax.: 32 A	100
CA801/2-3	Imax.: 32 A	100
CA901/2	Imax.: 17.5 A	100
CA901/4	Imax.: 32 A	100
CA901/6	32 A	100
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

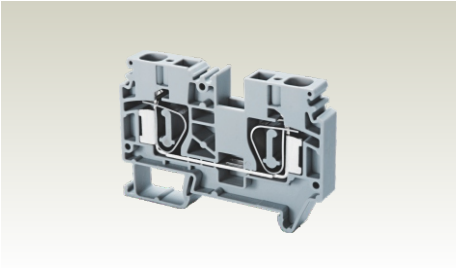
CSC6T



8 x 72 mm			
48.0 mm / 55.0 mm			
IEC		UL - CSA	
0.2 - 6.0 mm²		22 - 8 AWG	
0.2 - 10.0 mm²			
0.2 - 6.0 mm²		22 - 8 AWG	
0.2 - 4.0 mm²		22 - 10 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	550 V
41A	50 A	50 A	36 A
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CSC6T		100
EPCSC6T		50
PPCSC6T		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/3	Imax.: 41 A	100
CA801/3-3	Imax.: 41 A	100
CA901/3	Imax.: 32 A	100
CA901/4	Imax.: 32 A	100
CA901/5	32 A	100
CA801/8	41 A	100
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

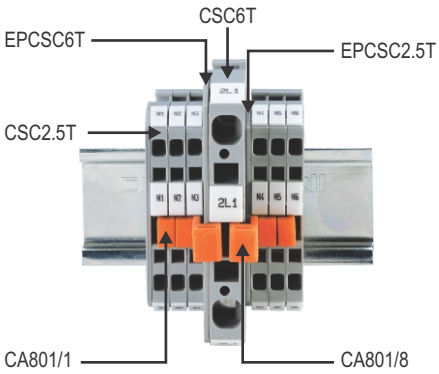
CSC10T

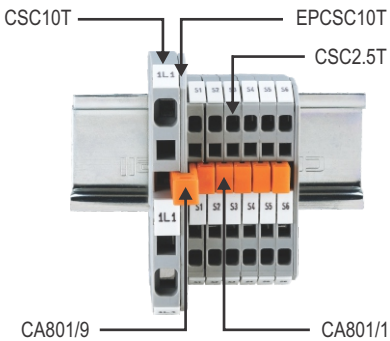


10 x 75 mm			
51.6 mm / 59.0 mm			
IEC		UL - CSA	
1.5 - 10.0 mm²		16 - 6 AWG	
1.5 - 10.0 mm²		16 - 6 AWG	
1.5 - 6.0 mm²		16 - 8 AWG	
18 mm			
IEC60947-7-1	UL-1059	IEC 60079-7	
800 V	600 V	550 V	
57 A	65 A	50 A	
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CSC10T		100
EPCSC10T		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/4	Imax.: 57 A	100
CA801/9	Imax.: 57 A	100
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Distribution application with Step Down Shorting Links





FEED THROUGH TERMINAL BLOCKS

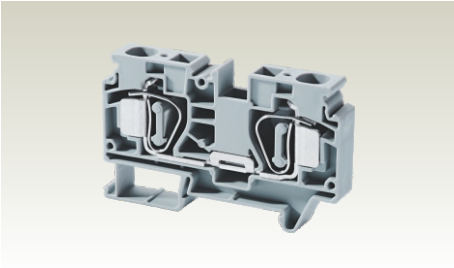
In Spring Clamp Terminal Blocks the wire is held directly against the current bar by pre-stressed spring clamps.

The spring clamp is operated by using a screw driver to provide an access to the wire through an opening in the spring clamp. The inserted wire gets clamped on to the current bar when the screw driver is removed.

Cross Connection is done with Insulated Push-in / wire type shorting links.

Step Down shorting links are used for shorting spring clamp Terminal Blocks of different sizes. For more details refer page 190.

CSC16T



Width (Thickness) x Length		12 x 82 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		51.6 mm / 59.0 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 16.0 mm^2		16 - 4 AWG
	Solid			
	with Ferrule / Lug	1.5 - 16.0 mm^2		16 - 4 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	1.5 - 10.0 mm^2		16 - 8 AWG
Wire Stripping Length		20 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		76 A	85 A	85 A
Approvals				
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.	Standard Pack
Terminal Block		CSC16T	100
End Plate		EPCSC16T	50
Partition Plate			
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15	50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702 CA802 CA103	50 50 50
Insulated Push-In Type Shorting Link (2 pole)		CA801/5 Imax.: 76 A	100
Marking Tags (Refer Pg. 187 for details)		CA509/K12	100
Screw Driver for actuating the Spring Clamp		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

MULTIPLE CONNECTION TERMINAL BLOCKS

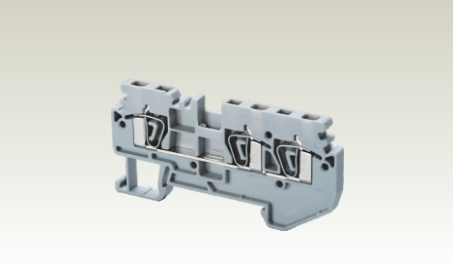
These blocks are used to connect multiple wires in a single Terminal Block, thereby eliminating reliability problems encountered when connecting multiple wires in a single clamp while saving time and space.

The CSC2.5T2-2P is a double potential Terminal Block. It allows 2 different system voltages to be run through the same Terminal Block.

Step Down shorting links are used for shorting spring clamp Terminal Blocks of different sizes. For more details refer page 160.

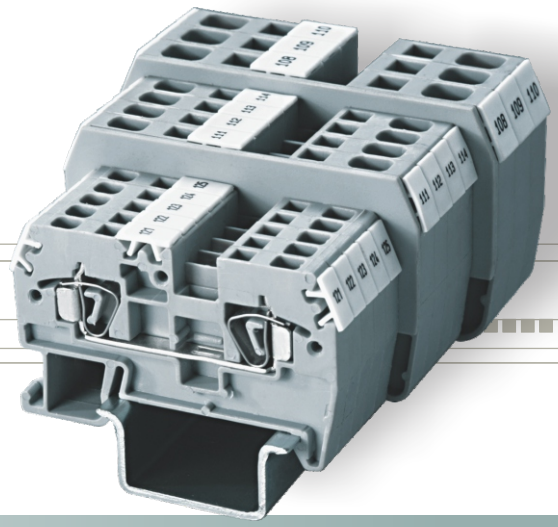
The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

CSC2.5T1-2

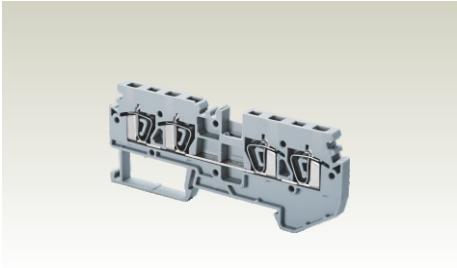
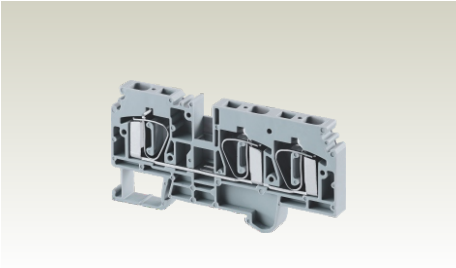


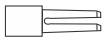
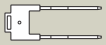
Width (Thickness) x Length		5 x 74 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		37.4 mm / 44.8 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG	
	Solid	0.2 - 4.0 mm^2		22 - 10 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2		22 - 16 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	600 V	600 V	550 V
Current		24 A	25 A	25 A	21 A
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		CSC2.5T1-2		100
End Plate		EPCSC2.5T1-2		50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702 CA802 CA103		50 50 50
Insulated Push-In Type Shorting Link (2 pole)		CA801/1	Imax.: 24 A	100
Alternate Link		CA801/1-3	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/1	Imax.: 17.5 A	100
Step Down Shorting Link				
Marking Tags (Refer Pg. 187 for details)		CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

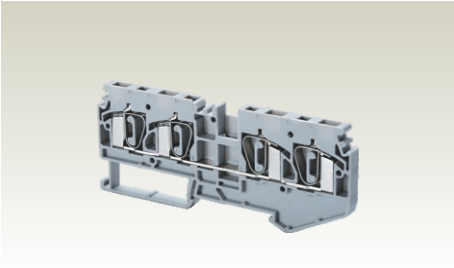


MULTIPLE CONNECTION TERMINAL BLOCKS

		CSC2.5T2-2				CSC4T1-2			
									
Width (Thickness) x Length		5 x 90 mm				6 x 85 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		37.4 mm / 44.8 mm				44.5 mm / 51.8 mm			
Connection Possibility as per		IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
	Solid	0.2 - 4.0 mm^2		22 - 10 AWG		0.2 - 6.0 mm^2			
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2		22 - 16 AWG		0.2 - 2.5 mm^2		22 - 14 AWG	
Wire Stripping Length		11 mm				15 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	600 V	600 V	550 V	800 V	600 V	600 V	550 V
Current		24 A	25 A	25 A	21 A	32 A	25 A	25 A	28 A
Approvals									
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3				8 KV / 3			

		Type / Cat. No.		Standard Pack	Type / Cat. No.		Standard Pack
Terminal Block		CSC2.5T2-2		50	CSC4T1-2		50
End Plate		EPCSC2.5T2-2		50	EPCSC4T1-2		50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15		50 m 50 m	CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702 CA802 CA103		50 50 50	CA702 CA802 CA103		50 50 50
Insulated Push-In Type Shorting Link (2 pole)		CA801/1	Imax.: 24 A	100	CA801/2	Imax.: 32 A	100
Alternate Link		CA801/1-3	Imax.: 24 A	100	CA801/2-3	Imax.: 32 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/1	Imax.: 17.5 A	100	CA901/2	Imax.: 17.5 A	100
Step Down Shorting Link					CA901/4 CA901/6	Imax.: 32 A 32 A	100 100
Marking Tags (Refer Pg. 187 for details)		CA509/K5		100	CA509/K6		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

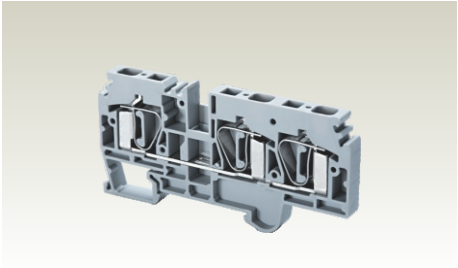
CSC4T2-2



6 x 105 mm			
44.5 mm / 51.8 mm			
IEC		UL - CSA	
0.2 - 4.0 mm^2		22 - 10 AWG	
0.2 - 6.0 mm^2			
0.2 - 4.0 mm^2		22 - 10 AWG	
0.2 - 2.5 mm^2		22 - 14 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	550 V
32 A	25 A	25 A	28 A
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CSC4T2-2		50
EPCSC4T2-2		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/2	Imax.: 32 A	100
CA801/2-3	Imax.: 32 A	100
CA901/2	Imax.: 17.5 A	100
CA901/4	Imax.: 32 A	100
CA901/6	32 A	100
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

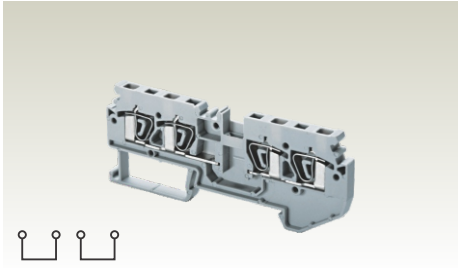
CSC6T1-2



8 x 94 mm			
48.0 mm / 55.0 mm			
IEC		UL - CSA	
0.2 - 6.0 mm^2		22 - 8 AWG	
0.2 - 10.0 mm^2			
0.2 - 6.0 mm^2		22 - 8 AWG	
0.2 - 4.0 mm^2		22 - 10 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	550 V
41 A	50 A	50 A	36 A
Polyamide 66 / 1			
8 KV / 3			

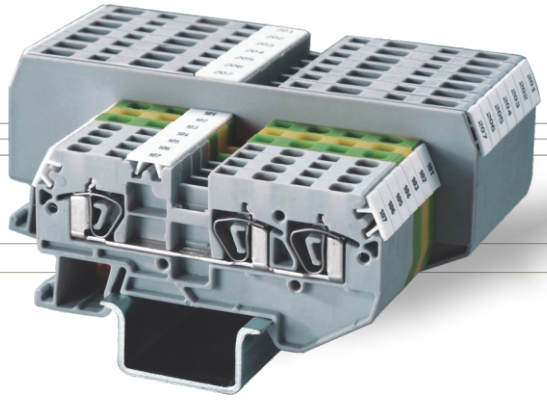
Type / Cat. No.		Standard Pack
CSC6T1-2		50
EPCSC6T1-2		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/3	Imax.: 41 A	100
CA801/3-3	Imax.: 41 A	100
CA901/3	Imax.: 17.5 A	100
CA901/4	Imax.: 32 A	100
CA901/5	32 A	100
CA801/8	41 A	100
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CSC2.5T2-2P



5 x 90 mm			
37.4 mm / 44.8 mm			
IEC		UL - CSA	
0.2 - 2.5 mm^2		22 - 12 AWG	
0.2 - 4.0 mm^2		22 - 10 AWG	
0.2 - 2.5 mm^2		22 - 12 AWG	
0.2 - 1.5 mm^2		22 - 16 AWG	
11 mm			
IEC60947-7-1	UL-1059		
800 V	600 V		
24 A	25 A		
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CSC2.5T2-2P		50
EPCSC2.5T2-2		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10



GROUND / EARTH TERMINAL BLOCKS

These Terminal Blocks have specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

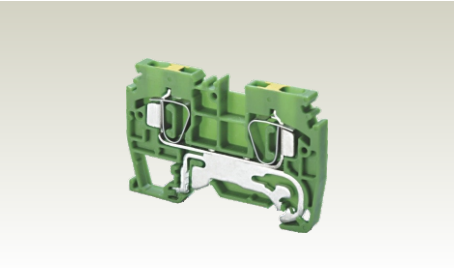
The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

CSCG2.5T

Width (Thickness) x Length		5 x 58 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		37.5 mm / 45.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG
	Solid	0.2 - 4.0 mm^2	22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 14 AWG
Wire Stripping Length		11 mm	
Approvals		CE cULus cSPus Ex IECEx Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CSCG2.5T		100
End Plate		EPCSC2.5T		50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15		50 m 50 m
Marking Tags (Refer Pg. 187 for details)		CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

CSCG4T



6 x 65 mm

45.0 mm / 52.2 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 14 AWG

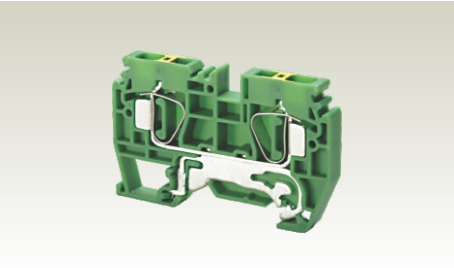
15 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CSCG4T	100
EPCSC4T	50
CA701 CA701-15	50 m 50 m
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

CSCG6T



8 x 72 mm

47.8 mm / 55.2 mm

IEC	UL - CSA
0.2 - 6.0 mm²	22 - 8 AWG
0.2 - 10.0 mm²	
0.2 - 6.0 mm²	22 - 8 AWG
0.2 - 4.0 mm²	22 - 10 AWG

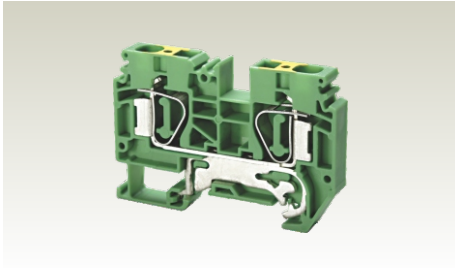
15 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CSCG6T	100
EPCSC6T	50
CA701 CA701-15	50 m 50 m
CA509/K8	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

CSCG10T



10 x 75 mm

51.6 mm / 59.0 mm

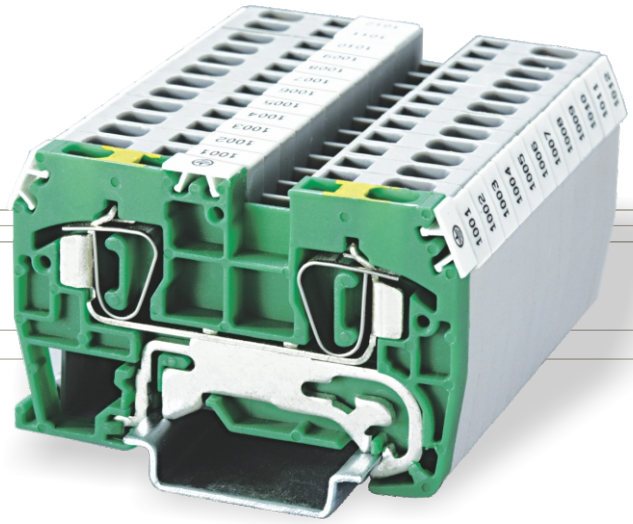
IEC	UL - CSA
1.5 - 10.0 mm²	16 - 6 AWG
1.5 - 10.0 mm²	16 - 6 AWG
1.5 - 6.0 mm²	16 - 8 AWG

18 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
CSCG10T	100
EPCSC10T	50
CA701 CA701-15	50 m 50 m
CA509/K10	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10



GROUND / EARTH TERMINAL BLOCKS

CSCG16T

These Terminal Blocks have specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

Width (Thickness) x Length		12 x 82 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		51.6 mm / 59.0 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	1.5 - 16.0 mm^2	16 - 4 AWG
	Solid		
	with Ferrule / Lug	1.5 - 16.0 mm^2	16 - 4 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	1.5 - 10.0 mm^2	16 - 8 AWG
Wire Stripping Length		20 mm	
Approvals		CE Lloyd's Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.	Standard Pack
Terminal Block		CSCG16T	100
End Plate		EPCSC16T	50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15	50 m 50 m
Marking Tags (Refer Pg. 187 for details)		CA509/K12	100
Screw Driver for actuating the Spring Clamp		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

RoHS COMPLIANCE

The RoHS (Restriction of Hazardous Substances) Directive 2002/95/EC dated 27th January 2003 addresses the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Producers of certain categories of electrical and electronic equipment cannot use high levels of the following six banned substances:

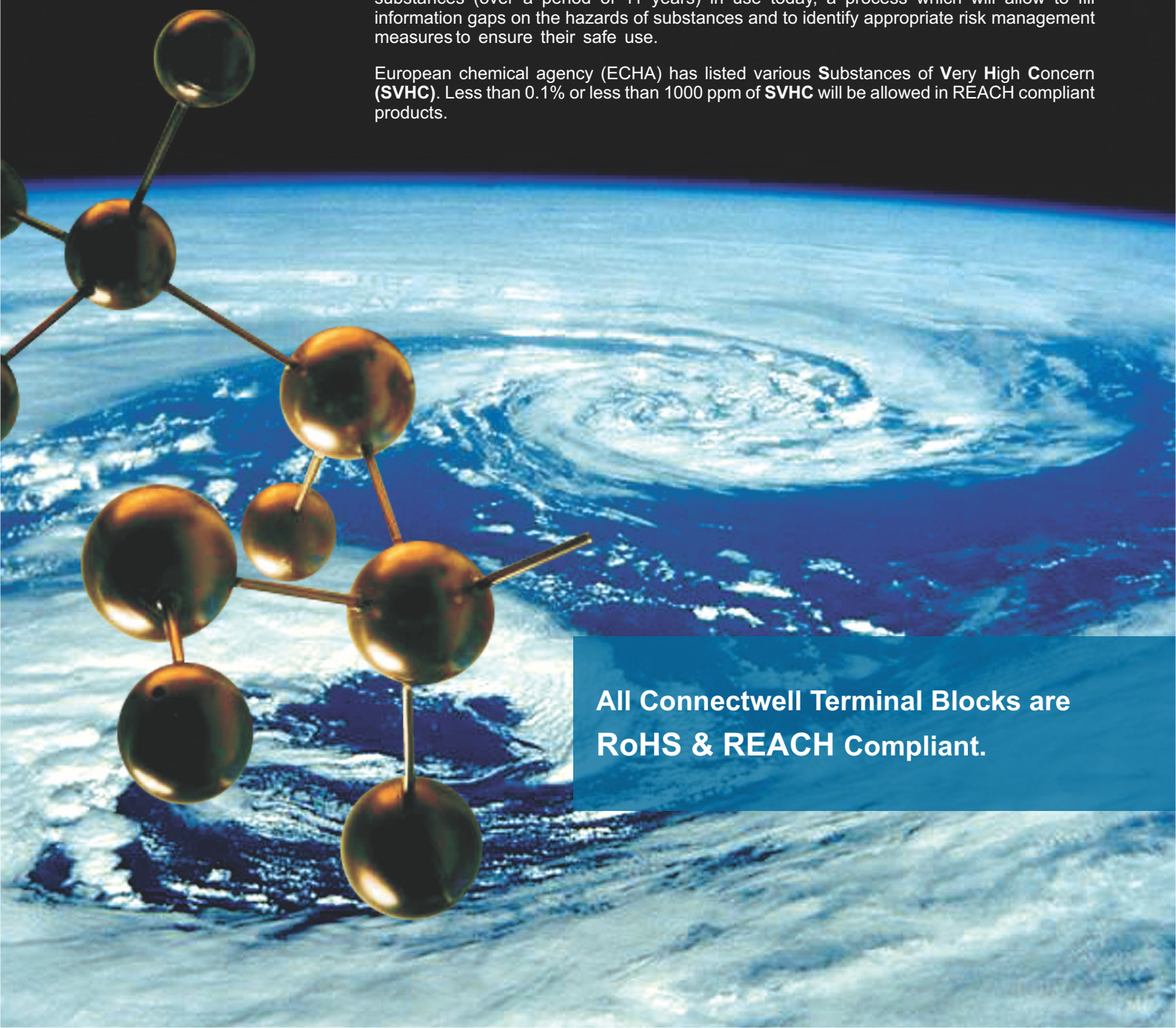
- Lead (Pb)
- Mercury (Hg)
- Polybrominated biphenyls (PBB) [flame retardant]
- Hexavalent chromium (Cr-VI)
- Cadmium (Cd)
- Polybrominated diphenyl ether (PBDE) [flame retardant]

REACH COMPLIANCE

REACH is the regulation (EC) No 1907/2006 of the European Parliment and of the Council of 18, concerning the **R**egistration, **E**valuation, **A**uthorization and Restriction of C**h**emicals.

Implemented on 1st June 2007, **REACH** requires the registration of some 30000 chemical substances (over a period of 11 years) in use today, a process which will allow to fill information gaps on the hazards of substances and to identify appropriate risk management measures to ensure their safe use.

European chemical agency (ECHA) has listed various **S**ubstances of **V**ery **H**igh **C**oncern **(SVHC)**. Less than 0.1% or less than 1000 ppm of **SVHC** will be allowed in REACH compliant products.



All Connectwell Terminal Blocks are RoHS & REACH Compliant.

ANGULAR FEED THROUGH TERMINAL BLOCKS

These Terminal Bocks are an ideal choice for compact junction boxes having limitations of space and height. These terminals are also used for underfloor wiring systems.

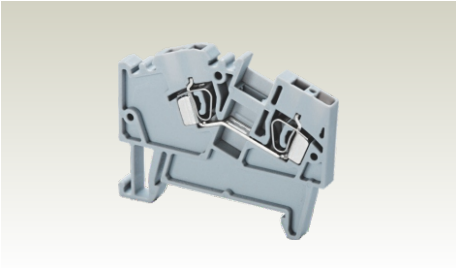
A major advantage of Angular Terminal Blocks over the top wire entry Terminal Blocks is that their profile remains the same across the entire range of Feed Through, Multiple Connection, Ground and Ground Multiple Connection Terminal Blocks.

The other advantages include: Angular entry of wires saves conductor length, marking / identification facility on the center (top) of the block, Multiplication of connections through bridging.

Step Down shorting links are used for shorting spring clamp Terminal Blocks of different sizes. For more details refer page 160.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

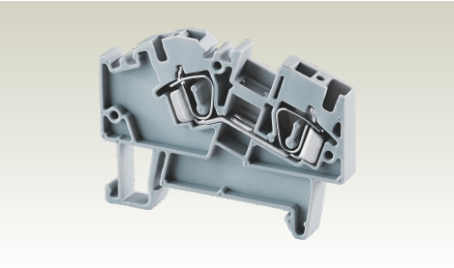
AS2.5



Width (Thickness) x Length		5 x 54 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		44.0 mm / 51.0 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.34 - 2.5 mm^2		22 - 12 AWG	
	Solid	0.34 - 4.0 mm^2		22 - 10 AWG	
	with Ferrule / Lug	0.34 - 2.5 mm^2		22 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.34 - 1.5 mm^2		22 - 14 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	600 V	600 V	630 V
Current		24 A	25 A	25 A	21 A
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		AS2.5		100
End Plate		EPAS2.5		50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA103		50
Insulated Push-In Type Shorting Link (2 pole)		CA801/1	Imax.: 24 A	100
Alternate Link		CA801/1-3	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/1	Imax.: 17.5 A	100
Step Down Shorting Link				
Marking Tags (Refer Pg. 187 for details)		CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

AS4



6 x 61.5 mm

44.0 mm / 51.0 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

15 mm

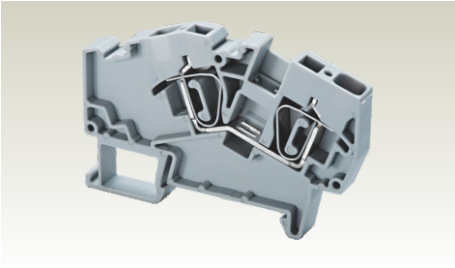
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	630 V
32 A	35 A	35 A	28 A

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
AS4		100
EPAS4		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/2	Imax.: 32 A	100
CA801/2-3	Imax.: 32 A	100
CA901/2	Imax.: 17.5 A	100
CA901/4	Imax.: 32 A	100
CA901/6	32 A	100
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

AS6



8 x 74 mm

49.3 mm / 57.0 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

15 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	630 V
41 A	50 A	50 A	36 A

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
AS6		50
EPAS6		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/3	Imax.: 41 A	100
CA801/3-3	Imax.: 41 A	100
CA901/3	Imax.: 17.5 A	100
CA901/4	Imax.: 32 A	100
CA901/5	32 A	100
CA801/8	41 A	100
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

AS2.5/3

5 x 54 mm

44.0 mm / 51.0 mm

IEC	UL - CSA
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 4.0 mm^2	22 - 10 AWG
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 1.5 mm^2	22 - 14 AWG

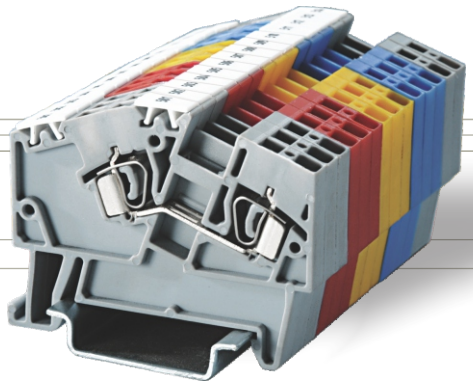
11 mm

IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	630 V
24 A	25 A	25 A	21 A

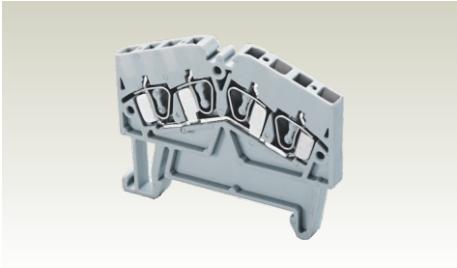
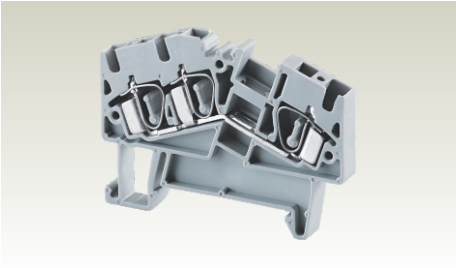
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
AS2.5/3		100
EPAS2.5		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/1	Imax.: 24 A	100
CA801/1-3	Imax.: 24 A	100
CA901/1	Imax.: 17.5 A	100
CA901/5	Imax.: 32 A	100
CA901/6	32 A	100
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10



ANGULAR FEED THROUGH TERMINAL BLOCKS

	AS2.5/4				AS4/3			
								
Width (Thickness) x Length	5 x 54 mm				6 x 61.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail	44.0 mm / 51.0 mm				44.0 mm / 51.0 mm			
Connection Possibility as per	IEC		UL - CSA		IEC		UL - CSA	
With 1 Conductor per clamp — Stranded / Flexible	0.34 - 2.5 mm^2		22 - 12 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
With 1 Conductor per clamp — Solid	0.34 - 4.0 mm^2		22 - 10 AWG		0.2 - 6.0 mm^2			
With 1 Conductor per clamp — with Ferrule / Lug	0.34 - 2.5 mm^2		22 - 12 AWG		0.2 - 4.0 mm^2		22 - 10 AWG	
With 2 same size Conductors per clamp — with TWIN Ferrule / Lug	0.34 - 1.5 mm^2		22 - 14 AWG		0.2 - 2.5 mm^2		22 - 12 AWG	
Wire Stripping Length	11 mm				15 mm			
Ratings As Per	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7	IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage	800 V	600 V	600 V	630 V	800 V	600 V	600 V	630 V
Current	24 A	25 A	25 A	21 A	32 A	35 A	35 A	28 A
Approvals								
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1				Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree	8 KV / 3				8 KV / 3			

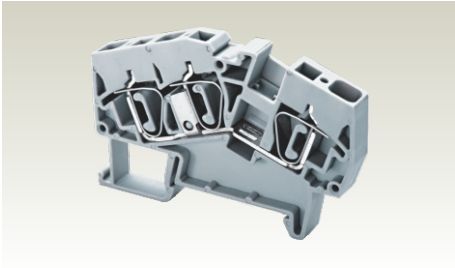
	Type / Cat. No.		Standard Pack	Type / Cat. No.		Standard Pack
Terminal Block	AS2.5/4		50	AS4/3		50
End Plate	EPAS2.5		50	EPAS4		50
Mounting Rail (Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m	CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)	CA702		50	CA702		50
	CA802		50	CA802		50
	CA103		50	CA103		50
Insulated Push-In Type Shorting Link (2 pole)				CA801/2	Imax.: 32 A	100
Alternate Link				CA801/2-3	Imax.: 32 A	100
Insulated Push-In Type (wire) Shorting Link				CA901/2	Imax.: 17.5 A	100
Step Down Shorting Link				CA901/4	Imax.: 32 A	100
				CA901/6	32 A	100
Marking Tags (Refer Pg. 187 for details)	CA509/K5		100	CA509/K6		100
Screw Driver for actuating the Spring Clamp	SCS0.5/3	Blade size: 0.5 x 3 mm	10	SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

AS4/4

6 x 61.5 mm			
44.0 mm / 51.0 mm			
IEC		UL - CSA	
0.2 - 4.0 mm^2		22 - 10 AWG	
0.2 - 6.0 mm^2			
0.2 - 4.0 mm^2		22 - 10 AWG	
0.2 - 2.5 mm^2		22 - 12 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	630 V
32 A	35 A	35 A	28 A
Polyamide 66 / 1			
8 KV / 3			

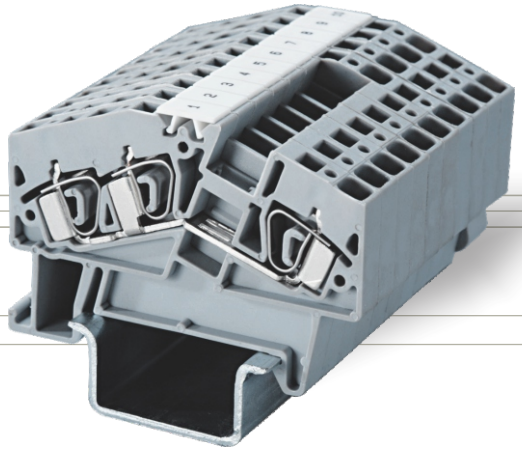
Type / Cat. No.		Standard Pack
AS4/4		50
EPAS4		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

AS6/3



8 x 74 mm			
49.3 mm / 57.0 mm			
IEC		UL - CSA	
0.2 - 6.0 mm^2		22 - 8 AWG	
0.2 - 10.0 mm^2			
0.2 - 6.0 mm^2		22 - 8 AWG	
0.2 - 4.0 mm^2		22 - 10 AWG	
15 mm			
IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
800 V	600 V	600 V	630 V
41 A	50 A	50 A	36 A
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
AS6/3		50
EPAS6		50
CA701 CA701-15		50 m 50 m
CA702		50
CA802		50
CA103		50
CA801/3	Imax.: 41 A	100
CA801/3-3	Imax.: 41 A	100
CA901/3	Imax.: 17.5 A	100
CA901/4	Imax.: 32 A	100
CA901/5	32 A	100
CA801/8	41 A	100
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10



ANGULAR GROUND / EARTH TERMINAL BLOCKS

Besides having angular wire entry, these Terminal Blocks have specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

AGT2.5

Width (Thickness) x Length		5 x 54 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		44.0 mm / 51.6 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.34 - 2.5 mm^2	22 - 12 AWG
	Solid	0.34 - 4.0 mm^2	22 - 10 AWG
	with Ferrule / Lug	0.34 - 2.5 mm^2	22 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.34 - 1.5 mm^2	22 - 14 AWG
Wire Stripping Length		11 mm	
Approvals			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

	Type / Cat. No.	Standard Pack
Terminal Block	AGT2.5	100
End Plate	EPAS2.5	50
Mounting Rail (Refer Pg. 184 for details)	CA701 CA701-15	50 m 50 m
Marking Tags (Refer Pg. 187 for details)	CA509/K5	100
Screw Driver for actuating the Spring Clamp	SCS0.5/3 Blade size: 0.5 x 3 mm	10

AGT4

6 x 61.5 mm

44.0 mm / 51.6 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

15 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
AGT4	100
EPAS4	50
CA701 CA701-15	50 m 50 m
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

AGT6

8 x 74 mm

49.3 mm / 57.0 mm

IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

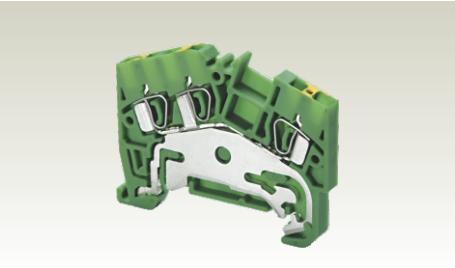
15 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
AGT6	100
EPAS6	50
CA701 CA701-15	50 m 50 m
CA509/K8	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10

AGT2.5/3



5 x 54 mm

44.0 mm / 51.6 mm

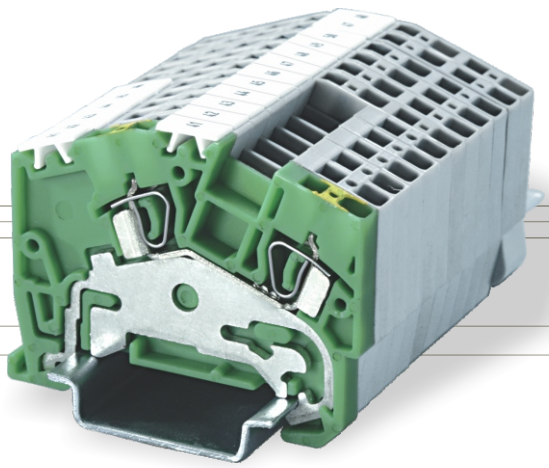
IEC	UL - CSA
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 4.0 mm^2	22 - 10 AWG
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 1.5 mm^2	22 - 14 AWG

11 mm

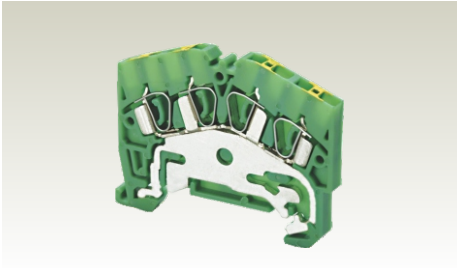
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
AGT2.5/3	100
EPAS2.5	50
CA701 CA701-15	50 m 50 m
CA509/K5	100
SCS0.5/3 Blade size: 0.5 x 3 mm	10



ANGULAR GROUND / EARTH TERMINAL BLOCKS

		AGT2.5/4		AGT4/3	
					
Width (Thickness) x Length		5 x 54 mm		6 x 61.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		44.0 mm / 51.6 mm		44.0 mm / 51.6 mm	
Connection Possibility as per		IEC	UL - CSA	IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.34 - 2.5 mm^2	22 - 12 AWG	0.2 - 4.0 mm^2	22 - 10 AWG
	Solid	0.34 - 4.0 mm^2	22 - 10 AWG	0.2 - 6.0 mm^2	22 - 8 AWG
	with Ferrule / Lug	0.34 - 2.5 mm^2	22 - 12 AWG	0.2 - 4.0 mm^2	22 - 10 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.34 - 1.5 mm^2	22 - 14 AWG	0.2 - 2.5 mm^2	22 - 12 AWG
Wire Stripping Length		11 mm		15 mm	
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3		8 KV / 3	
		Type / Cat. No.	**Standard Pack**	**Type / Cat. No.**	**Standard Pack**
Terminal Block		AGT2.5/4	100	AGT4/3	50
End Plate		EPAS2.5	50	EPAS4	50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15	50 m 50 m	CA701 CA701-15	50 m 50 m
Marking Tags (Refer Pg. 187 for details)		CA509/K5	100	CA509/K6	100
Screw Driver for actuating the Spring Clamp		SCS0.5/3 Blade size: 0.5 x 3 mm	10	SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

AGT4/4

6 x 61.5 mm

44.0 mm / 51.6 mm

IEC	UL - CSA
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG

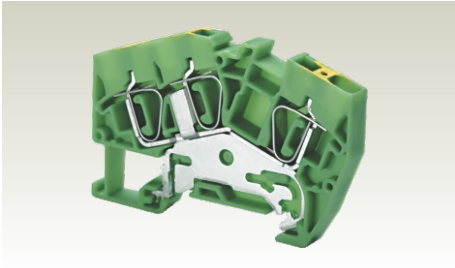
15 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
AGT4/4	50
EPAS4	50
CA701 CA701-15	50 m 50 m
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

AGT6/3



8 x 74 mm

49.3 mm / 57.0 mm

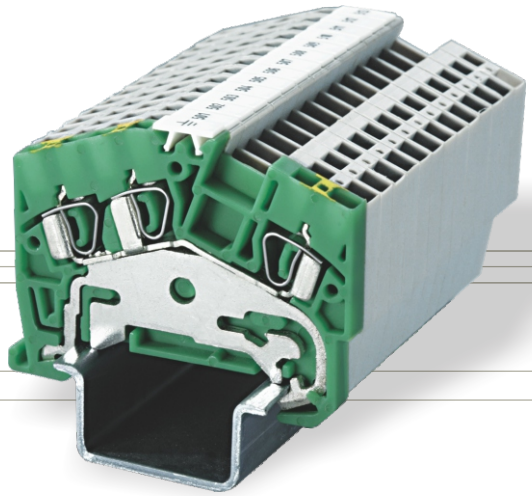
IEC	UL - CSA
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 10.0 mm^2	
0.2 - 6.0 mm^2	22 - 8 AWG
0.2 - 4.0 mm^2	22 - 10 AWG

15 mm

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.	Standard Pack
AGT6/3	100
EPAS6	50
CA701 CA701-15	50 m 50 m
CA509/K8	100
SCS0.8/4 Blade size: 0.8 x 4 mm	10



DOUBLE LEVEL TERMINAL BLOCKS

ADL2.5

ADL2.5 is a double level Terminal Block and is used in high density wiring applications.

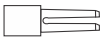
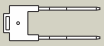
In ADL2.5(I.S) the two levels are internally shorted. This Terminal Block is an ideal choice for distribution applications.

The ADLG2.5 Terminal Block has an additional grounding point for terminating earthing / grounding cables. The earth connection is made by snapping the terminal on the DIN rail. This separate connection point is appropriately identified by the green - yellow imprint on its top.

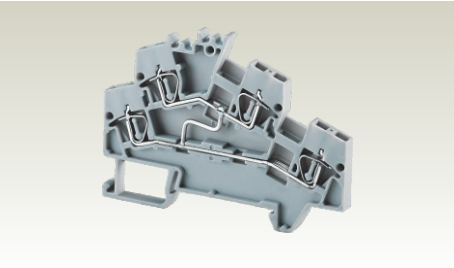
ADL2.5(E)D1/D2 - Have built-in diodes for circuit protection.

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

Width (Thickness) x Length		5 x 79.5 mm			
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		57.5 mm / 65.0 mm			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.34 - 2.5 mm^2		22 - 12 AWG	
	Solid	0.34 - 4.0 mm^2		22 - 10 AWG	
	with Ferrule / Lug	0.34 - 2.5 mm^2		22 - 12 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.34 - 1.5 mm^2		22 - 14 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	300 V	300 V	630 V
Current		24 A	25 A	25 A	18 A
Approvals		IECEE CB Scheme, CE, UL, CSA, Ex, IECEx, Lloyds Register			
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

		Type / Cat. No.		Standard Pack
Terminal Block		ADL2.5		50
End Plate		EPADL2.5		50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
		CA103		50
Insulated Push-In Type Shorting Link (2 pole)		CA801/1	Imax.: 24 A	100
Alternate Link		CA801/1-3	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/1	Imax.: 17.5 A	100
Marking Tags (Refer Pg. 187 for details)		CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

ADL2.5(I.S)



5 x 79.5 mm

57.5 mm / 65.0 mm

IEC	UL - CSA
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 4.0 mm^2	22 - 10 AWG
0.34 - 2.5 mm^2	22 - 12 AWG
0.2 - 1.5 mm^2	22 - 14 AWG

11 mm

IEC60947-7-1

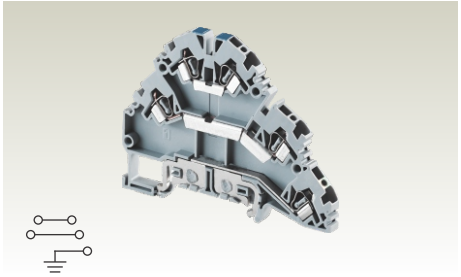
800 V			
24 A			

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
ADL2.5(I.S)		50
EPADL2.5		50
CA701		50 m
CA701-15		50 m
CA702		50
CA802		50
CA202		50
CA103		50
CA801/1	Imax.: 24 A	100
CA801/1-3	Imax.: 24 A	100
CA901/1	Imax.: 17.5 A	100
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

ADLG2.5



5 x 83.7 mm

64.8 mm / 72.3 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 4.0 mm^2	22 - 10 AWG
0.2 - 2.5 mm^2	22 - 12 AWG
0.2 - 1.5 mm^2	22 - 14 AWG

10 mm

IEC60947-7-2 UL-1059

500 V	600 V		
24 A	20 A		

Polyamide 66 / 1

6 KV / 3

Type / Cat. No.		Standard Pack
ADLG2.5		50
EPADLG2.5		50
CA701		50 m
CA701-15		50 m
CA702		50
CA802		50
CA202		50
CA103		50
CA509/K2G		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

ADL2.5(E)D1/D2

5 x 79.5 mm

57.5 mm / 65.0 mm

IEC	UL - CSA
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 4.0 mm^2	22 - 10 AWG
0.34 - 2.5 mm^2	22 - 12 AWG
0.34 - 1.5 mm^2	22 - 14 AWG

11 mm

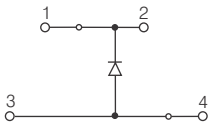
IEC60947-7-1 UL-1059 CSA22.2-158

800 V	300 V	300 V	
24 A	25 A	25 A	

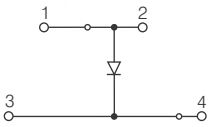
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
ADL2.5(E)D1		50
ADL2.5(E)D2		50
EPADL2.5		50
CA701		50 m
CA701-15		50 m
CA702		50
CA802		50
CA202		50
CA103		50
CA801/1	Imax.: 24 A	100
CA801/1-3		100
CA901/1		100
CA509/K5	Imax.: 24 A	100
SCS0.5/3	Imax.: 17.5 A Blade size: 0.5 x 3 mm	10



ADL2.5(E)D1



ADL2.5(E)D2

TRIPLE LEVEL TERMINAL BLOCKS

ATL2.5

The ATL2.5 series Terminal Blocks are an ideal choice for control systems where sensor and actuator applications are involved. The simplified three level connections tremendously increase wiring density in the circuit.

The top level of the ATL2.5H Terminal Block provides connection points for signal wires while the middle and bottom level are used for positive and negative potentials.

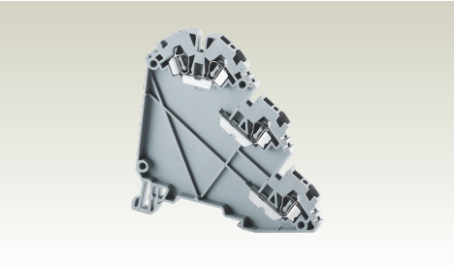
The ATLG2.5 is a triple level Terminal Block with an additional connection for earthing cables. This separate connection point is appropriately identified by the green - yellow imprint on its top.

This Terminal Block is an ideal choice for motor, sensor, actuator and initiator connections.

Width (Thickness) x Length		5 x 100 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		75 mm / 82.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG
	Solid	0.2 - 4.0 mm^2	22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 14 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		500 V	600 V
Current		24 A	20 A
Approvals		CE c UL us	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		6 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		ATL2.5		50
End Plate		EPATL2.5		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA202		50
		CA103		50
Insulated Push-In Type Shorting Link	2 pole	CA801/A2	Imax.: 24 A	100
	3 pole	CA801/A3	24 A	100
	4 pole	CA801/A4	24 A	100
	10 pole	CA801/A10	24 A	10
Marking Tags (Refer Pg. 187 for details)		CA509/K2G		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

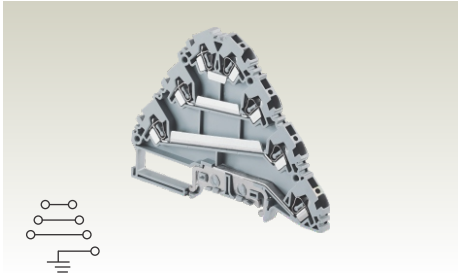
ATL2.5H



5 x 76.1 mm	
75 mm / 82.5 mm	
IEC	UL - CSA
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 1.5 mm²	22 - 14 AWG
10 mm	
IEC60947-7-1	
500 V	
24 A	
CE	
Polyamide 66 / 1	
6 KV / 3	

Type / Cat. No.		Standard Pack
ATL2.5H		50
EPATL2.5H		50
CA701		50 m
CA701-15		50 m
CA702		50
CA802		50
CA202		50
CA103		50
CA801/A2	Imax.: 24 A	100
CA801/A3	24 A	100
CA801/A4	24 A	100
CA801/A10	24 A	10
CA509/K2G		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

ATLG2.5



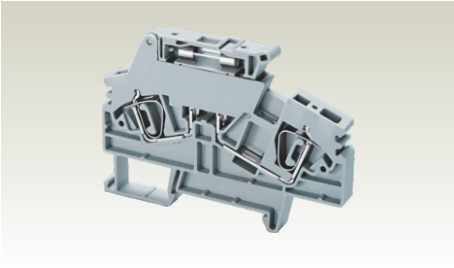
5 x 100 mm			
75 mm / 82.5 mm			
IEC		UL - CSA	
0.2 - 2.5 mm²		22 - 12 AWG	
0.2 - 4.0 mm²		22 - 10 AWG	
0.2 - 2.5 mm²		22 - 12 AWG	
0.2 - 1.5 mm²		22 - 14 AWG	
10 mm			
IEC60947-7-2	UL-1059		
500 V	600 V		
24 A	20 A		
CE c UL us			
Polyamide 66 / 1			
6 KV / 3			

Type / Cat. No.		Standard Pack
ATLG2.5		50
EPATLG2.5		50
CA701		50 m
CA701-15		50 m
CA702		50
CA802		50
CA202		50
CA103		50
CA509/K2G		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

FUSE TERMINAL BLOCKS

These Terminal Blocks are used in electrical and control systems which require fuse protection. These Terminal Blocks accept industry standard Ø5 x 20 and Ø5 x 25 mm glass cartridge fuses. All fuse blocks are supplied with a 6.3 A fast blow fuse (unless specified). Fuse blocks with suffix (L) are used for off-line indication in case of fuse blow out.

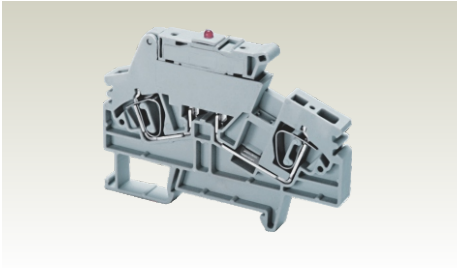
ASF4



Width (Thickness) x Length		8 x 86 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		65.3 mm / 73.0 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		15 mm		
Ratings As Per		IEC60947-7-3	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		6.3 A	6.3 A	6.3 A
Approvals		CE, cULus, cCSAus, Lloyd's Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

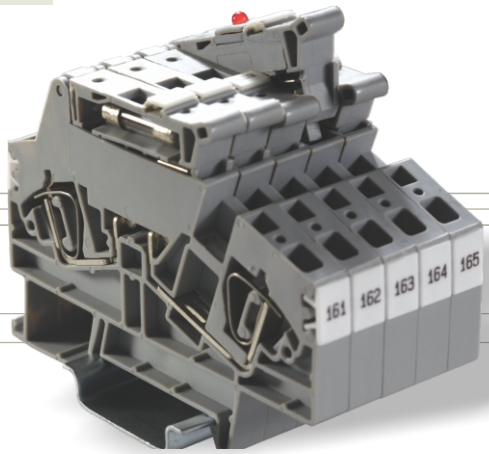
		Type / Cat. No.		Standard Pack
Terminal Block	With Fuse	ASF4		100
	Without Fuse	ASF4W/F		100
	For 24 V AC/DC			
	For 48 V AC/DC			
	For 110 V AC/DC			
	For 220 V AC/DC			
End Plate		EPASF4		50
Mounting Rail (Refer Pg. 184 for details)		CA701		50 m
		CA701-15		50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA103		50
Insulated Push-In Type Shorting Link (2 pole)		CA801/7	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/2	Imax.: 17.5 A	100
Marking Tags	On Terminal	CA509/K8		100
	On Fuse Carrier	CA509/K2		100
Screw Driver for actuating the Spring Clamp		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

ASF4(L)



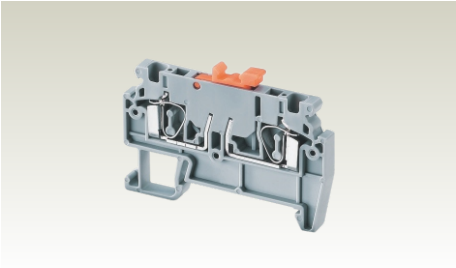
Width (Thickness) x Length		8 x 86 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		65.3 mm / 73.0 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2		22 - 10 AWG
	Solid	0.2 - 6.0 mm^2		
	with Ferrule / Lug	0.2 - 4.0 mm^2		22 - 10 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
Wire Stripping Length		15 mm		
Ratings As Per		IEC60947-7-3	UL-1059	CSA22.2-158
Voltage		1000 V	600 V	600 V
Current		6.3 A	6.3 A	6.3 A
Approvals		CE, c UL us, c SP us, Lloyds Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block	With Fuse	ASF4(L)		100
	Without Fuse	ASF4(L)W/F		100
	For 24 V AC/DC	ASF4(L)/24V		100
	For 48 V AC/DC	ASF4(L)/48V		100
	For 110 V AC/DC	ASF4(L)/110V		100
	For 220 V AC/DC	ASF4(L)/220V		100
End Plate		EPASF4		50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702		50
		CA802		50
		CA103		50
Insulated Push-In Type Shorting Link (2 pole)		CA801/7	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link		CA901/2	Imax.: 17.5 A	100
Marking Tags	On Terminal	CA509/K8		100
	On Fuse Carrier	CA509/K2		100
Screw Driver for actuating the Spring Clamp		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10



DISCONNECT & TEST TERMINAL BLOCKS

CSCDK2.5



Certain control applications require the circuit to be disconnected without removing the wires.

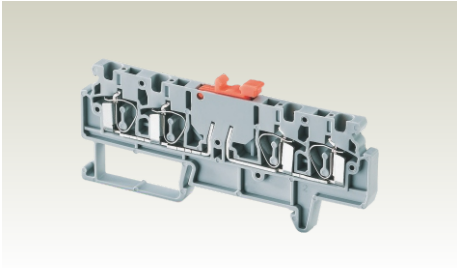
In both CSCDK2.5 and CSCDK2.5/4, disconnection is achieved by lifting a lever which operates the knife contact.

Width (Thickness) x Length		5 x 58 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		41.7 mm / 49.3 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	Solid	0.2 - 4.0 mm^2		22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2		22 - 14 AWG
Wire Stripping Length		11 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		20 A	16 A	16 A
Approvals		CE, cULus, cCSAus, Lloyd's Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CSCDK2.5		100
End Plate		EPCSCDK2.5		50
Mounting Rail	(Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m
End Clamp	(Refer Pg. 185 for details)	CA702 CA802 CA103		50 50 50
Marking Tags	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

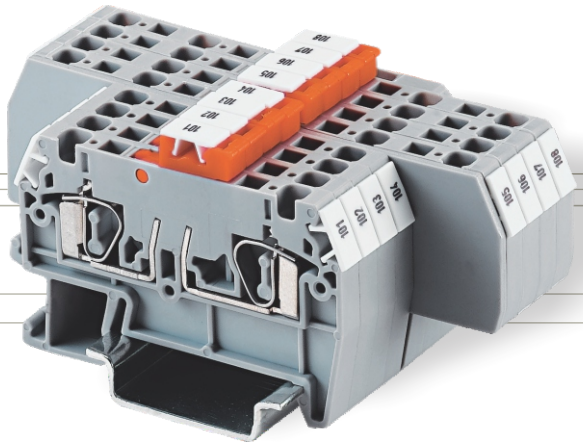
Note:
These disconnecting Terminal Blocks are not suitable for interrupting load. The supply must be switched off before operating the disconnecting link.

CSCDK2.5/4



Width (Thickness) x Length		5 x 90 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		41.7 mm / 49.3 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm²		22 - 12 AWG
	Solid	0.2 - 4.0 mm²		22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm²		22 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm²		22 - 14 AWG
Wire Stripping Length		11 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		20 A	16 A	16 A
Approvals		CE, cULus, cSAus, Lloyds Register		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

		Type / Cat. No.		Standard Pack
Terminal Block		CSCDK2.5/4		100
End Plate		EPCSCDK2.5/4		50
Mounting Rail	(Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Marking Tags	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10

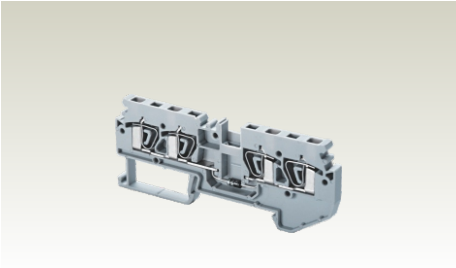


TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

These spring clamp Terminal Blocks have a built in Diode.

Contact Connectwell for available configuration of Resistor Terminal Blocks.

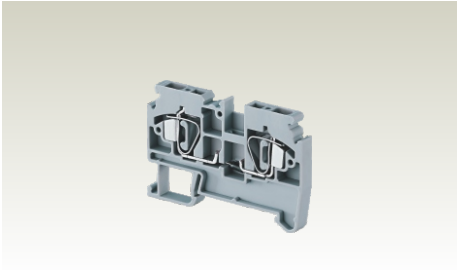
CSC2.5T/4(E)D3



Width (Thickness) x Length		5 x 90 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		41.7 mm / 49.3 mm		
Connection Possibility as per		IEC		UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 12 AWG
	Solid	0.2 - 4.0 mm^2		22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2		22 - 16 AWG
Wire Stripping Length		11 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	600 V	600 V
Current		24 A	25 A	25 A
Approvals		CE c UL us c CSA us		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		
Diode (Reverse Voltage / Current)		1N4007 (1000 V / 1 A)		

	Type / Cat. No.	Standard Pack
Terminal Block	CSC2.5T/4(E)D3	50
End Plate	EPCSC2.5T2-2	50
Mounting Rail (Refer Pg. 184 for details)	CA701 CA701-15	50 m 50 m
End Clamp (Refer Pg. 185 for details)	CA702	50
	CA802	50
	CA103	50
Marking Tags (Refer Pg. 187 for details)	CA509/K5	100
Screw Driver for actuating the Spring Clamp	SCS0.5/3 Blade size: 0.5 x 3 mm	10

CSC4T(E)D1



6 x 65 mm

44.5 mm / 51.8 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 12 AWG
0.2 - 6.0 mm²	22 - 10 AWG
0.2 - 4.0 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 14 AWG

15 mm

IEC60947-7-1

800 V

32 A

CE

Polyamide 66 / 1

8 KV / 3

1N4007 (1000 V / 1 A)

Type / Cat. No.	Standard Pack
CSC4T/(E)D1	50
EPCSC4T	50
CA701 CA701-15	50 m 50 m
CA702	50
CA802	50
CA103	50
CA509/K6	100
SCS0.5/3.5 Blade size: 0.5 x 3.5 mm	10

CSC4T(E)D2

6 x 65 mm

44.5 mm / 51.8 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 12 AWG
0.2 - 6.0 mm²	22 - 10 AWG
0.2 - 4.0 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 14 AWG

15 mm

IEC60947-7-1

800 V

32 A

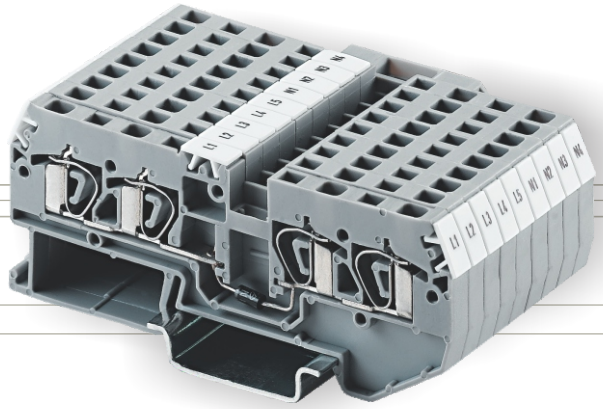
CE

Polyamide 66 / 1

8 KV / 3

1N4007 (1000 V / 1 A)

Type / Cat. No.	Standard Pack
CSC4T/(E)D2	50
EPCSC4T	50
CA701 CA701-15	50 m 50 m
CA702	50
CA802	50
CA103	50
CA509/K6	100
SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10



PLUGGABLE TERMINAL BLOCKS

Connectwell pluggable series Terminal Blocks are an excellent solution for creating wire harnesses which ease field wire connections. CX2.5B terminal is DIN rail mounted base Terminal Block. Standard shorting links and marking tags can be installed in CX2.5B terminal.

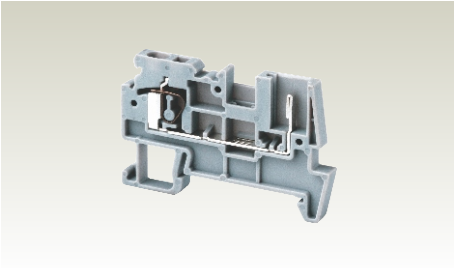
Both CX2.5S & CX2.5P are modular terminals and can be stacked together to form in multipole plugs & sockets, ideal for harness application.

CX2.5S Terminal Block can plug into CX2.5B or CX2.5P terminals. Multipole CX2.5S or CX2.5P terminals can be ordered in a completely assembled configuration.

Polarized plugs & socket can be created with the aid of polarizing pins with coding element CXPOL.

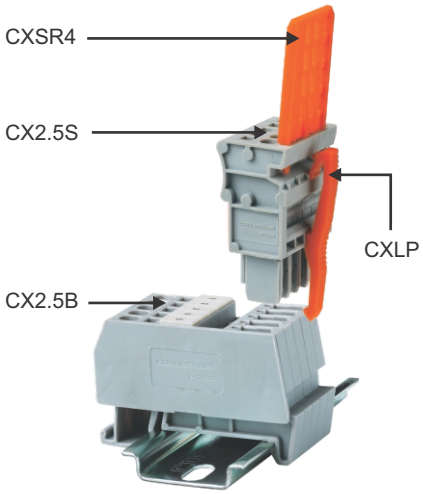
A free floating system can be formed by coupling CX2.5S & CX2.5P terminals. This arrangement can be brought on to the DIN rail by using CXDIN mounting feet.

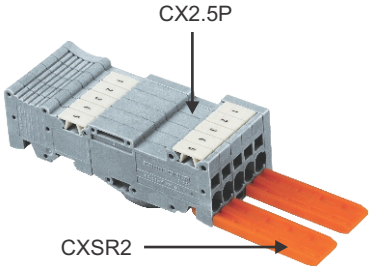
CX2.5B

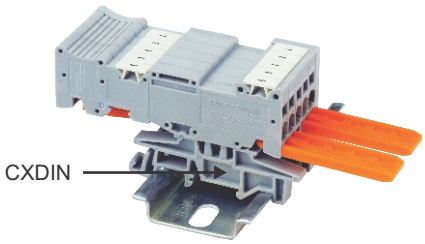


Width (Thickness) x Length		5 x 57.5 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		37.4 mm / 44.8 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	24 - 16 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		800 V	300 V
Current		24 A	20 A
Approvals		IECEE, CE, Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

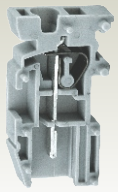
	Type / Cat. No.		Standard Pack
Terminal Block	CX2.5B		100
End Plate	EPCX2.5B		50
Mounting Rail (Refer Pg. 184 for details)	CA701 CA701-15		50 m 50 m
End Clamp (Refer Pg. 185 for details)	CA702		50
	CA802		50
	CA103		50
Insulated Push-In Type Shorting Link (2 pole)	CA801/1	Imax.: 24 A	100
Alternate Link	CA801/1-3	Imax.: 24 A	100
Insulated Push-In Type (wire) Shorting Link	CA901/1	Imax.: 17.5 A	100
Coding Pin	CXPOL		25
Screw Driver for actuating the Spring Clamp	SCS0.5/3	Blade size: 0.5 x 3 mm	10
Actuator for actuating the Spring Clamp	SCA2.5		1
Marking Tags (Refer Pg. 187 for details)	CA509/K5		100







PLUGGABLE TERMINAL BLOCKS

	CX2.5S	CX2.5P
		
Width (Thickness) x Length	5 x 19.5 mm	5 x 39.5 mm
Height	42.2 mm	39.5 mm

Connection Possibility as per		CX2.5S IEC	CX2.5S UL - CSA	CX2.5P IEC	CX2.5P UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2		0.2 - 4.0 mm^2	
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	24 - 16 AWG	0.2 - 1.5 mm^2	24 - 16 AWG

	CX2.5S		CX2.5P	
Wire Stripping Length	8 mm		8 mm	
Ratings As Per	IEC60947-7-1	UL-1059	IEC60947-7-1	UL-1059
Voltage	800 V	300 V	800 V	300 V
Current	24 A	20 A	24 A	20 A
Approvals	IECEE, CE, Lloyds Register		IECEE, CE, Lloyds Register	
Insulation Material / Comparative Tracking Index	Polyamide 66 / 1		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree	8 KV / 3		8 KV / 3	

	No. of Poles	CX2.5S Type / Cat. No.	CX2.5S Standard Pack	CX2.5P Type / Cat. No.	CX2.5P Standard Pack
Connector	1	CX2.5S	50	CX2.5P	50
	2	CX2.5S/2	50	CX2.5P/2	50
	3	CX2.5S/3	50	CX2.5P/3	50
	4	CX2.5S/4	50	CX2.5P/4	50
	5	CX2.5S/5	50	CX2.5P/5	50
	6	CX2.5S/6	25	CX2.5P/6	25
	7	CX2.5S/7	25	CX2.5P/7	25
	8	CX2.5S/8	25	CX2.5P/8	25
	9	CX2.5S/9	25	CX2.5P/9	25
	10	CX2.5S/10	25	CX2.5P/10	25
	11	CX2.5S/11	10	CX2.5P/11	10
	12	CX2.5S/12	10	CX2.5P/12	10
	13	CX2.5S/13	10	CX2.5P/13	10
	14	CX2.5S/14	10	CX2.5P/14	10
	15	CX2.5S/15	10	CX2.5P/15	10
End Plate		EPCX2.5S	50	EPCX2.5P	50
Mounting Rail (Refer Pg. 184 for details)		CA701 CA701-15	50 m 50 m	CA701 CA701-15	50 m 50 m
End Clamp (Refer Pg. 185 for details)		CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Mounting Feet				CXDIN	25
Locking Clip		CXLP	25		
Coding Pin				CXPOL	25
2 Way Strain Relief		CXSR2	25	CXSR2	25
4 Way Strain Relief		CXSR4	25	CXSR4	25
Screw Driver for actuating the Spring Clamp		SCS0.5/3 Blade size: 0.5 x 3 mm	10	SCS0.5/3 Blade size: 0.5 x 3 mm	10
Actuator for actuating the Spring Clamp		SCA2.5	1	SCA2.5	1
Marking Tags (Refer Pg. 187 for details)		CA509/K5	100	CA509/K5	100

PANEL MOUNT TERMINAL BLOCKS

These blocks are an excellent solution for extremely compact wiring applications. The Terminal Blocks are "modular" and can be stacked to form multi pole assemblies.

The stacked assemblies are mounted on the panel surface using mounting End Plates at both the ends. Insulated External shorting links can be used for cross connection.

CM series Terminal Blocks have a side wire entry configuration.

CM1.5S

Width (Thickness) x Length		5 x 26.5 mm	
Height		18 mm (Panel Mount)	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	24 - 14 AWG
	Solid	0.2 - 2.5 mm^2	
	with Ferrule / Lug	0.2 - 1.5 mm^2	24 - 14 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 0.5 mm^2	24 - 20 AWG
Wire Stripping Length		8 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		800 V	300 V
Current		17 A	16 A
Approvals		CE Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

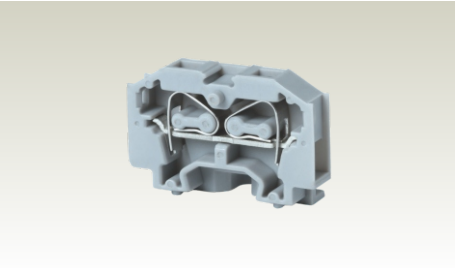
		Type / Cat. No.		Standard Pack
Terminal Block		CM1.5S		100
End Plate		EPCM1.5S		50
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10
Actuator for actuating the Spring Clamp		SCA2.5		1
Marking Tags (Refer Pg. 187 for details)		CA509/K4		100

CM1.5S2

8 x 26.5 mm	
18 mm (Panel Mount)	
IEC	UL - CSA
0.2 - 1.5 mm^2	24 - 14 AWG
0.2 - 2.5 mm^2	
0.2 - 1.5 mm^2	24 - 14 AWG
0.2 - 0.5 mm^2	24 - 20 AWG
8 mm	
IEC60947-7-1	UL-1059
800 V	300 V
17 A	16 A
CE Lloyds Register	
Polyamide 66 / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CM1.5S2		100
EPCM1.5S		50
SCS0.5/3	Blade size: 0.5 x 3 mm	10
SCA2.5		1
CA509/K7.5		100

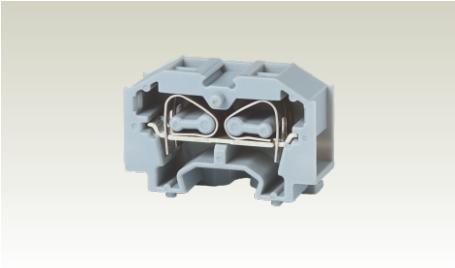
CM2.5S



6 x 30 mm	
20 mm (Panel Mount)	
IEC	UL - CSA
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 4.0 mm^2	
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 1.5 mm^2	24 - 16 AWG
8 mm	
IEC60947-7-1	UL-1059
800 V	300 V
24 A	20 A
CE Lloyds Register	
Polyamide 66 / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CM2.5S		100
EPCM2.5S		50
SCS0.5/3	Blade size: 0.5 x 3 mm	10
SCA2.5		1
CA509/K2		100

CM2.5S2



6 x 30 mm	
20 mm (Panel Mount)	
IEC	UL - CSA
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 4.0 mm^2	
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 1.5 mm^2	24 - 16 AWG
8 mm	
IEC60947-7-1	UL-1059
800 V	300 V
24 A	20 A
CE Lloyds Register	
Polyamide 66 / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CM2.5S2		100
EPCM2.5S		50
SCS0.5/3	Blade size: 0.5 x 3 mm	10
SCA2.5		1
CA509/K7.5		100

PANEL MOUNT TERMINAL BLOCKS

These blocks are an excellent solution for extremely compact wiring applications. The Terminal Blocks are "modular" and can be stacked to form multi pole assemblies.

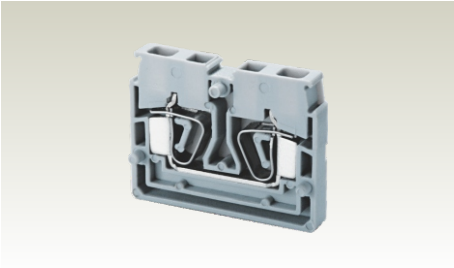
The stacked assemblies are mounted on the panel surface using mounting End Plates at both the ends. Insulated External shorting links can be used for cross connection.

In CSCP2.5T2 Terminal Blocks, there are two connection points each on both sides.

Shorting Link can be easily inserted by using Spring Clamp Actuator tool SCA2.5

The terminals with Ex & IECEx approval can be used in potentially explosive atmosphere. For detailed information refer page 205.

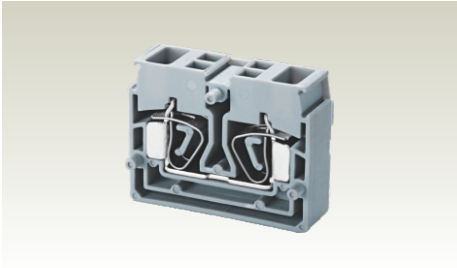
CSCP2.5T



Width (Thickness) x Length		5 x 35 mm			
Height		27.3			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm²		22 - 14 AWG	
	Solid	0.2 - 4.0 mm²		22 - 12 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm²		22 - 14 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm²		22 - 16 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	600 V	600 V	500 V
Current		24 A	20 A	20 A	21 A
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

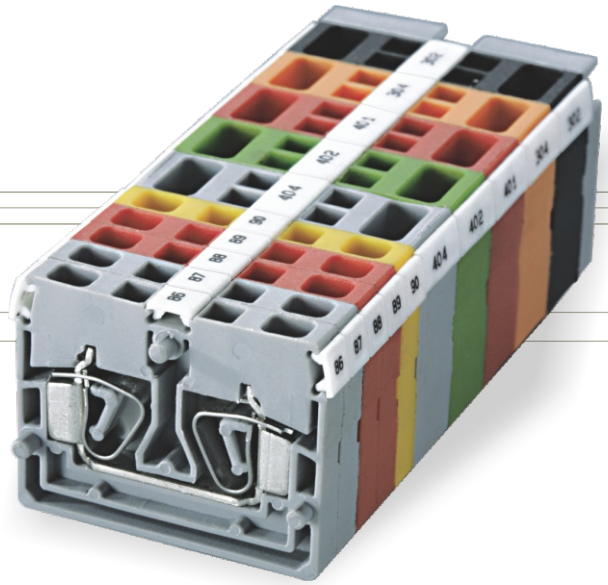
		Type / Cat. No.		Standard Pack
Terminal Block		CSCP2.5T		100
End Plate		EPCSCP2.5T		50
Insulated External Shorting Link (2 pole)		CA803/1	Imax.: 24 A	100
Screw Driver for actuating the Spring Clamp		SCS0.5/3	Blade size: 0.5 x 3 mm	10
Actuator for actuating the Spring Clamp		SCA2.5		1
Marking Tags (Refer Pg. 187 for details)		CA509/K4		100

CSCP2.5T2



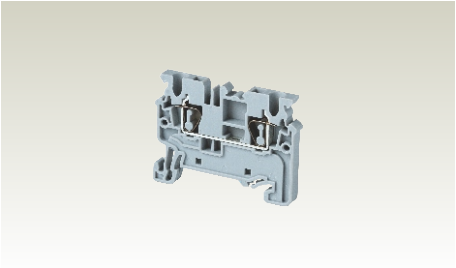
Width (Thickness) x Length		10 x 35 mm			
Height		27.3			
Connection Possibility as per		IEC		UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		22 - 14 AWG	
	Solid	0.2 - 4.0 mm^2		22 - 12 AWG	
	with Ferrule / Lug	0.2 - 2.5 mm^2		22 - 14 AWG	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2		22 - 16 AWG	
Wire Stripping Length		11 mm			
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158	IEC 60079-7
Voltage		800 V	600 V	600 V	500 V
Current		24 A	20 A	20 A	21 A
Approvals					
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1			
Rated Impulse Voltage / Pollution Degree		8 KV / 3			

	Type / Cat. No.		Standard Pack
Terminal Block	CSCP2.5T2		100
End Plate	EPCSCP2.5T		50
Insulated External Shorting Link (2 pole)	CA803/1	Imax.: 24 A	100
Screw Driver for actuating the Spring Clamp	SCS0.5/3	Blade size: 0.5 x 3 mm	10
Actuator for actuating the Spring Clamp	SCA2.5		1
Marking Tags (Refer Pg. 187 for details)	CA509/K3		100



FEED THROUGH TERMINAL BLOCKS

CX2.5



CX series Spring Clamp Terminal Blocks are the next generation, compact terminals. These series of Terminal Blocks have an improved 1000 V rating as per IEC guidelines. The new CX series terminals have a much wider range for wire terminations.

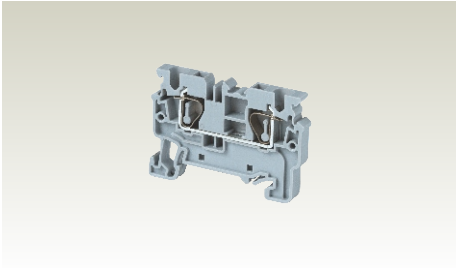
The wire is held directly against the copper current bar by pre stressed spring clamps.

Cross connection of these Terminal Blocks can be done using insulated push in jumpers available in 2,3,4 and 10 pole configurations.

Width (Thickness) x Length		5 x 49.7 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		38 mm / 45.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		24 A	20 A
Approval		CE Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CX2.5		100
End Plate		EPCX2.5		50
Partition Plate		PPCX4		20
Mounting Rail	(Refer Pg. 184 for details)	CA701		20
		CA701-15		10
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Warning Label		WLX2.5		100
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	0.5 x 3 mm	10

CX4



6 x 54.8 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

IEC60947-7-1 UL-1059

1000 V	600 V
32 A	30 A

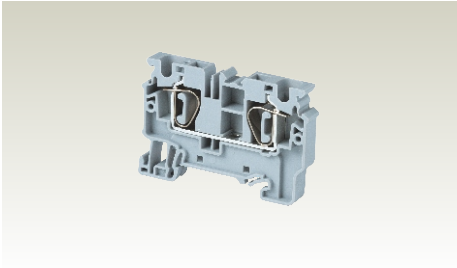
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CX4		100
EPCX4		50
PPCX4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/10	32 A	10
WLX4		50
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CX6



8 x 62.1 mm

43 mm / 50.5 mm

IEC	UL - CSA
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 10.0 mm²	
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 1.5 mm²	24 - 16 AWG

10 mm

IEC60947-7-1 UL-1059

1000 V	600 V
41 A	50 A

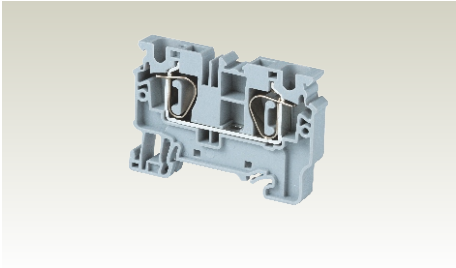
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CX6		100
EPCX6		50
PPCX10		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX6/2	Imax.: 41 A	100
JX6/3	41 A	50
JX6/4	41 A	50
JX6/10	41 A	10
WLX6		50
TX6		50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CX10



10 x 71.7 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 10.0 mm²	24 - 6 AWG
0.2 - 10.0 mm²	24 - 6 AWG
1.5 - 2.5 mm²	

18 mm

IEC60947-7-1 UL-1059

1000 V	600 V
57 A	65 A

CE

Polyamide 66 / 1

8 KV / 3

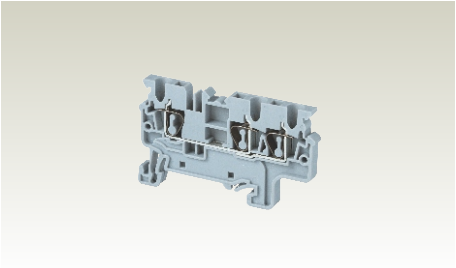
Type / Cat. No.		Standard Pack
CX10		50
EPCX10		20
PPCX10		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX10/2	Imax.: 57 A	20
WLX10		50
TX6		50
CA509/K10		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

MULTIPLE CONNECTION TERMINAL BLOCKS

CX series Spring Clamp Terminal Blocks are the next generation, compact terminals. These series of Terminal Blocks have an improved 1000 V rating as per IEC guidelines. The new CX series terminals have a much wider range for wire terminations.

Multi connect 3 wire & 4 wire terminals eliminate reliability problems encountered when there is a need to connect multiple wires in a single Terminal Block.

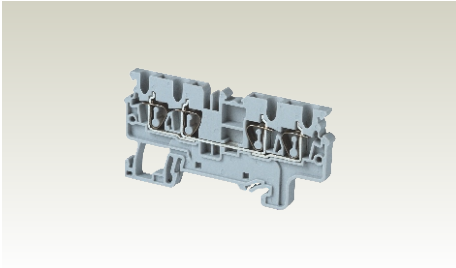
CX2.5/3



Width (Thickness) x Length		5 x 62.2 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		38 mm / 45.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		24 A	20 A
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CX2.5/3		100
End Plate		EPCX2.5/3		50
Partition Plate		PPCX4/3		20
Mounting Rail	(Refer Pg. 184 for details)	CA701		20
		CA701-15		10
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Warning Label		WLX2.5		100
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	0.5 x 3 mm	10

CX2.5/4



5 x 74.7 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 1.0 mm²	24 - 20 AWG

10 mm

IEC60947-7-1 UL-1059

1000 V	600 V
24 A	20 A

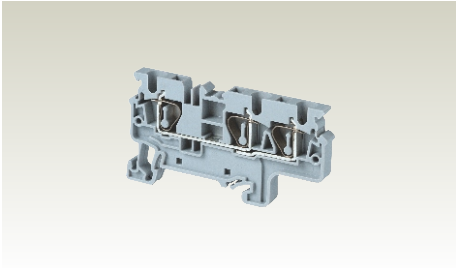
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CX2.5/4		50
EPCX2.5/4		20
PPCX4/4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	0.5 x 3 mm	10

CX4/3



6 x 70.5 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

IEC60947-7-1 UL-1059

1000 V	600 V
32 A	30 A

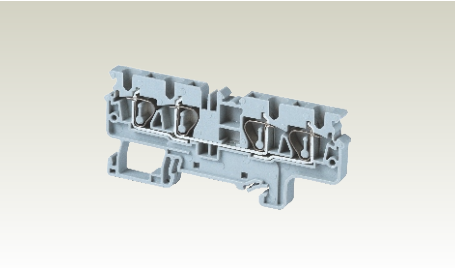
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CX4/3		50
EPCX4/3		20
PPCX4/3		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/10	32 A	10
WLX4		50
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CX4/4



6 x 86.2 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

IEC60947-7-1 UL-1059

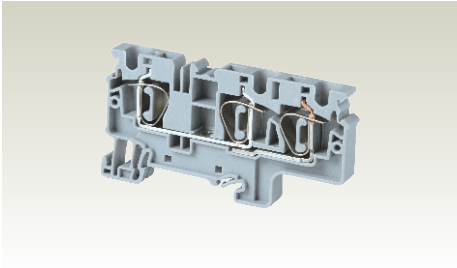
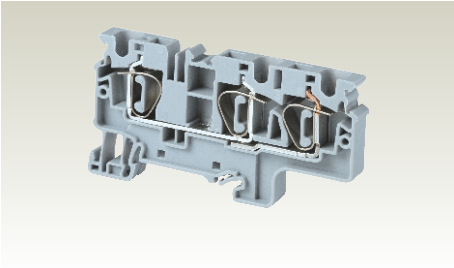
1000 V	600 V
32 A	30 A

CE

Polyamide 66 / 1

8 KV / 3

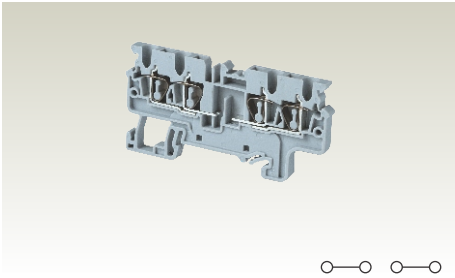
Type / Cat. No.		Standard Pack
CX4/4		50
EPCX4/4		20
PPCX4/4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/10	32 A	10
WLX4		50
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

		CX6/3		CX10/3	
					
Width (Thickness) x Length		8 x 82.2 mm		10 x 97 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		43 mm / 50.5 mm		49.5 mm / 57 mm	
Connection Possibility as per		**IEC**	**UL - CSA**	**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 6.0 mm^2	24 - 8 AWG	0.2 - 10.0 mm^2	24 - 6 AWG
	Solid	0.2 - 10.0 mm^2			
	with Ferrule / Lug	0.2 - 6.0 mm^2	24 - 8 AWG	0.2 - 10.0 mm^2	24 - 6 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	24 - 16 AWG	1.5 - 2.5 mm^2	
Wire Stripping Length		10 mm		18 mm	
Ratings As Per		IEC60947-7-1 UL-1059		IEC60947-7-1 UL-1059	
Voltage		1000 V	600 V	1000 V	600 V
Current		41 A	50 A	57 A	65 A
Approval		CE		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3		8 KV / 3	

		Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block		CX6/3	50	CX10/3	50
End Plate		EPCX6/3	20	EPCX10/3	20
Partition Plate		PPCX6/3	20	PPCX10/3	20
Mounting Rail	(Refer Pg. 184 for details) 	CA701	20	CA701	20
		CA701-15	10	CA701-15	10
End Clamp	(Refer Pg. 185 for details) 	CA702	50	CA702	50
		CA802	50	CA802	50
		CA103	50	CA103	50
Shorting Link	2 pole 	JX6/2 Imax.: 41 A	100	JX10/2 Imax.: 57 A	20
	3 pole	JX6/3 41 A	50		
	4 pole	JX6/4 41 A	50		
	10 pole	JX6/10 41 A	10		
Warning Label		WLX6	50	WLX10	50
Test Plug		TX6	50	TX6	50
Marking Tag	(Refer Pg. 187 for details) 	CA509/K8	100	CA509/K8	100
Screw Driver		SCS0.8/4 Blade size: 0.8 x 4 mm	10	SCS0.8/4 Blade size: 0.8 x 4 mm	10

MULTIPLE CONNECTION TERMINAL BLOCKS

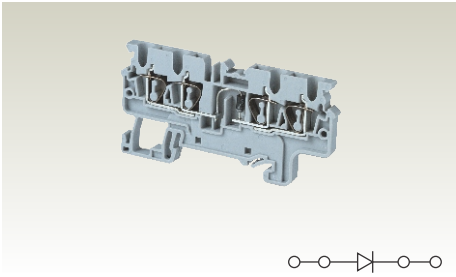
CX2.5/4P



CX2.5/4P is a double potential Terminal Block. It allows two different system voltages to be run through the same terminal block.

One side of the Terminal Block can be shorted with standard insulated push in jumpers.

CX2.5/4 (E)D1



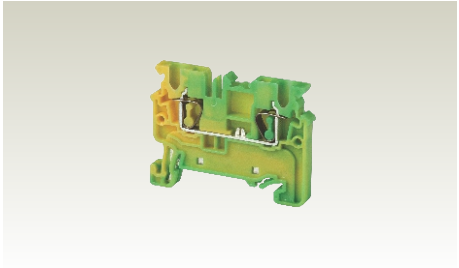
CX2.5/4(E)D1 is specially designed 4 wire spring clamp Terminal Block with a built in diode. This Terminal has a built in 1N4007 diode for revers polarity protection and also allows uni directional flow of current.

		CX2.5/4P		CX2.5/4 (E)D1	
Width (Thickness) x Length		5 x 74.7 mm		5 x 74.7 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		38 mm / 45.5 mm		38 mm / 45.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**	**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 0.5 mm^2	24 - 20 AWG	0.2 - 0.5 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm		10 mm	
Ratings As Per		IEC60947-7-1 UL-1059		IEC60947-7-1 UL-1059	
Voltage		1000 V	600 V	1000 V	600 V
Current		24 A	20 A	24 A	20 A
Approval		CE		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3		8 KV / 3	

		Type / Cat. No.		Standard Pack	Type / Cat. No.		Standard Pack
Terminal Block		CX2.5/4P		50	CX2.5/4 (E)D1		50
End Plate		EPCX2.5/4		20	EPCX2.5/4		20
Partition Plate		PPCX4/4		20	PPCX4/4		20
Mounting Rail	(Refer Pg. 184 for details)	CA701		20	CA701		20
		CA701-15		10	CA701-15		10
End Clamp		CA702		50	CA702		50
		CA802		50	CA802		50
		CA103		50	CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10	JX2.5/10	24 A	10
Warning Label		WLX2.5		100	WLX2.5		100
Test Plug		TX2.5		50	TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100	CA509/K5		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10	SCS0.5/3	Blade size: 0.5 x 3 mm	10

GROUND / EARTH TERMINAL BLOCKS

CXG2.5



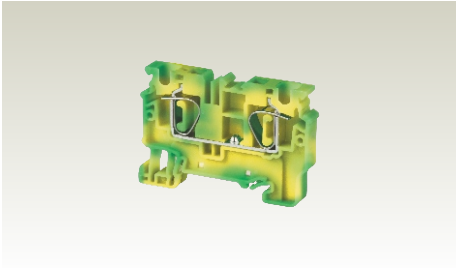
CXG series are compact spring clamp earthing Terminal Blocks with specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

Cross connection of these Terminal Blocks can be done using insulated push in links.

Width (Thickness) x Length		5 x 49.7 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		38 mm / 45.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Approval		CE Lloyds Register	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CXG2.5		100
End Plate		EPCX2.5		50
Partition Plate		PPCX4		20
Mounting Rail	(Refer Pg. 184 for details)	CA701		20
		CA701-15		10
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Warning Label		WLX2.5		50
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	0.5 x 3 mm	10

CXG4



6 x 54.8 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

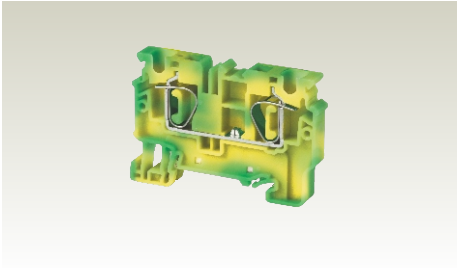
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXG4		100
EPCX4		50
PPCX4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 24 A	100
JX4/3	24 A	50
JX4/4	24 A	50
JX4/10	24 A	10
WLX4		100
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CXG6



8 x 62.1 mm

43 mm / 50.5 mm

IEC	UL - CSA
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 10.0 mm²	
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 1.5 mm²	24 - 16 AWG

10 mm

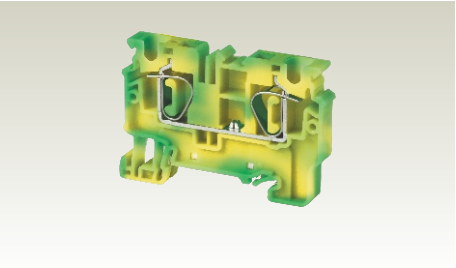
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXG6		100
EPCX6		50
PPCX10		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX6/2	Imax.: 41 A	100
JX6/3	41 A	50
JX6/4	41 A	50
JX6/10	41 A	10
WLX6		100
TX6		50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CXG10



8 x 62.1 mm

43 mm / 50.5 mm

IEC	UL - CSA
0.2 - 10.0 mm²	24 - 6 AWG
0.2 - 10.0 mm²	24 - 6 AWG
1.5 - 2.5 mm²	

18 mm

CE

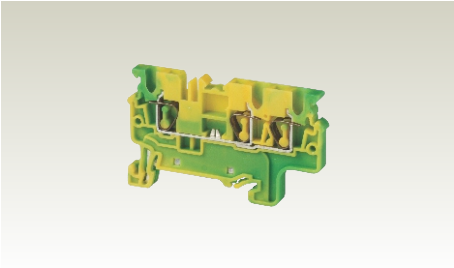
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXG10		50
EPCX10		50
PPCX10		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX10/2	Imax.: 57 A	20
WLX6		100
TX6		50
CA509/K8		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

GROUND / EARTH MULTIPLE CONNECTION TERMINAL BLOCKS

CXG2.5/3



CXG series are compact spring clamp earthing Terminal Blocks with specially designed alloy feet which help in achieving very low contact resistance and vibration proof grounding with the DIN rails. They are green / yellow colour coded as per industry standards.

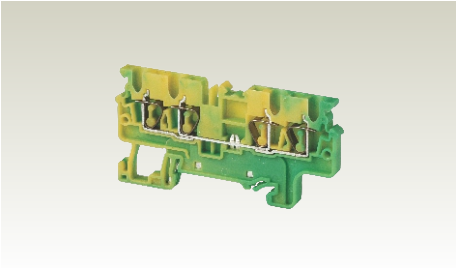
Multi connect 3 wire & 4 wire terminals eliminate reliability problems encountered when there is a need to connect multiple wires in single Terminal Block.

Cross connection of these Terminal Blocks can be done using standard insulated push in jumpers.

Width (Thickness) x Length		5 x 62.2 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		38 mm / 45.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CXG2.5/3		100
End Plate		EPCX2.5/3		50
Partition Plate		PPCX4/3		20
Mounting Rail	(Refer Pg. 184 for details)	CA701		20
		CA701-15		10
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Warning Label		WLX2.5		100
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	0.5 x 3 mm	10

CXG2.5/4



5 x 74.7 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 1.0 mm²	24 - 20 AWG

10 mm

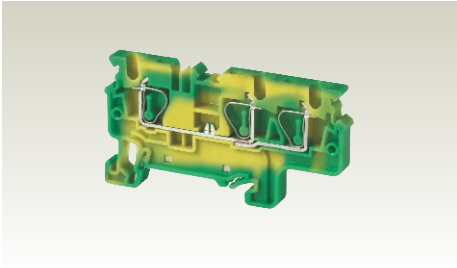
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXG2.5/4		50
EPCX2.5/4		20
PPCX4/4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	0.5 x 3 mm	10

CXG4/3



6 x 70.5 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

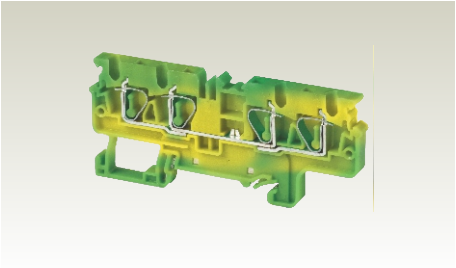
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXG4/3		50
EPCX4/3		20
PPCX4/3		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/10	32 A	10
WLX4		100
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CXG4/4



6 x 86.2 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

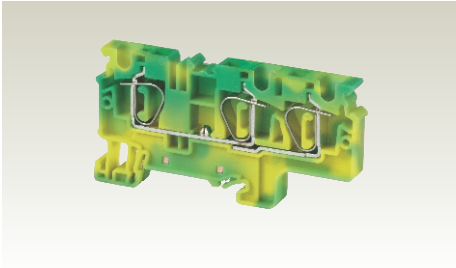
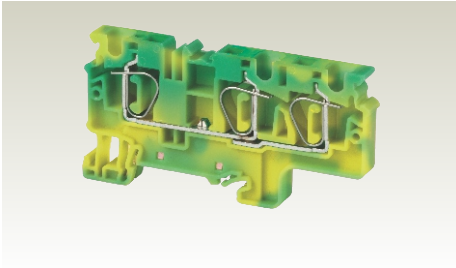
10 mm

CE

Polyamide 66 / 1

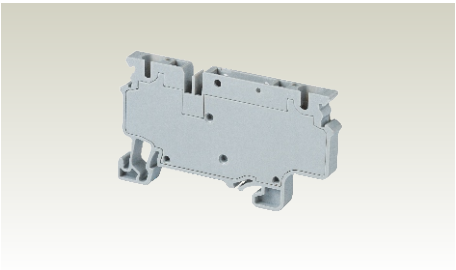
8 KV / 3

Type / Cat. No.		Standard Pack
CXG4/4		50
EPCX4/4		20
PPCX4/4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 32 A	100
JX4/3	32 A	50
JX4/4	32 A	50
JX4/10	32 A	10
WLX4		100
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

		CXG6/3		CXG10/3	
					
Width (Thickness) x Length		8 x 82.2 mm		8 x 82.2 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		43 mm / 50.5 mm		43 mm / 50.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**	**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 6.0 mm^2	24 - 8 AWG	0.2 - 10.0 mm^2	24 - 6 AWG
	Solid	0.2 - 10.0 mm^2	24 - 8 AWG		
	with Ferrule / Lug	0.2 - 6.0 mm^2	24 - 8 AWG	0.2 - 10.0 mm^2	24 - 6 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	24 - 16 AWG	1.5 - 2.5 mm^2	
Wire Stripping Length		10 mm		10 mm	
Approval		CE		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3		8 KV / 3	
		Type / Cat. No.	**Standard Pack**	**Type / Cat. No.**	**Standard Pack**
Terminal Block		CXG6/3	50	CXG10/3	50
End Plate		EPCX6/3	50	EPCX6/3	50
Mounting Rail	(Refer Pg. 184 for details)	CA701	20	CA701	20
		CA701-15	10	CA701-15	10
End Clamp	(Refer Pg. 185 for details)	CA702	50	CA702	50
		CA802	50	CA802	50
		CA103	50	CA103	50
Shorting Link	2 pole	JX6/2 Imax.: 41 A	100	JX10/2 Imax.: 57 A	20
	3 pole	JX6/3 41 A	50		
	4 pole	JX6/4 41 A	50		
	10 pole	JX6/10 41 A	10		
Step Down Jumper		JXS6/2.5	10	JXS10/2.5	10
Warning Label		WLX6	100	WLX10	100
Test Plug		TX6	50	TX6	50
Marking Tag	(Refer Pg. 187 for details)	CA509/K8	100	CA509/K8	100
Screw Driver		SCS0.8/4 Blade size: 0.8 x 4 mm	10	SCS0.8/4 Blade size: 0.8 x 4 mm	10

COMPONENT CARRIER TERMINAL BLOCKS

CXCC4



CXCC4 Spring Clamp Terminal Block is a component carrier base. Various pluggable component carriers can be installed easily. These component carriers have built in protection against incorrect polarity.

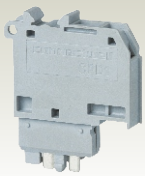
Width (Thickness) x Length		6 x 65.4 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		61.3 mm / 68.8 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	24 - 10 AWG
	Solid	0.2 - 6.0 mm^2	
	with Ferrule / Lug	0.2 - 4.0 mm^2	24 - 10 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 18 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		32 A	235A
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.	Standard Pack
Terminal Block		CXCC4	50
Mounting Rail	(Refer Pg. 184 for details)	CA701	20
		CA701-15	10
End Clamp	(Refer Pg. 185 for details)	CA702	50
		CA802	50
		CA103	50
Shorting Link	2 pole	JX4/2 Imax.: 24 A	100
	3 pole	JX4/3 24 A	50
	4 pole	JX4/4 24 A	50
	10 pole	JX4/10 24 A	10
Warning Label		SWL6	50
Test Plug		TX4	50
Identificador	(Refer Pg. 187 for details)	CA509/K6	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10

COMPONENT CARRIERS

CPD1 is component plug with built in diode 1N4007. CPF is component fuse plug suitable for Ø 5 x 20 mm fuses. CPFL is component plug which provides offline indication in case of a blown off fuse. These plugs can be used with CXCC4 Terminal Block.

CPD1

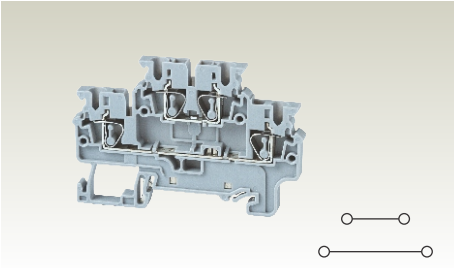


CPF

		Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Component Carrier	With Diode	CPD1	50		
	For Ø 5 x 20 mm Fuse			CPF	50
	Fuse with 6-60V AC/DC LED Circuit			CPFL6-60V	50
	Fuse with 110-240V AC/DC LED Circuit			CPFL110-240V	50
Width (Thickness) x Length x Height		6 x 28 x 35 mm		6 x 28 x 35 mm	
Marking Tags	(Refer Pg. 187 for details)	CA509/K6	100	CA509/K6	100

DOUBLE LEVEL TERMINAL BLOCKS

CXDL2.5



CXDL2.5 is the next generation compact double level Spring Clamp Terminal. This Terminal Block is used in high density wiring applications. Interconnections / shorting is possible at both levels. This Terminal Block is suitable for 1000 V rating.

CXDL2.5(I.S) is double level internally shorted spring clamp Terminal Block. This is an ideal choice for distribution application.

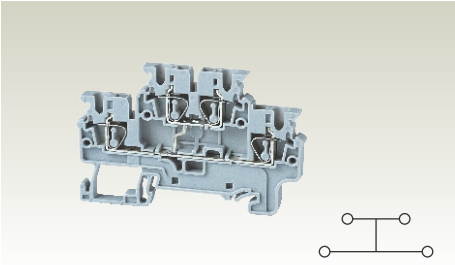
CXDLG2.5 is double level spring clamp Terminal Block with an additional grounding point for terminating grounding cables on the lower level of the terminal block while the top level is a standard feed through terminal block. The earth connection is made by snapping the terminal on the Din rail. This separate connection point is appropriately identified by the green-yellow imprint on its top.

CXDLG2.5(I.S) is double level ground Terminal Block with 4 connection points for grounding wires. It is available in a standard green yellow colour to indicate the grounding connection.

Width (Thickness) x Length		5 x 71 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		49.5 mm / 57 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		24 A	20 A
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CXDL2.5		50
End Plate		EPCXDL2.5		50
Mounting Rail	(Refer Pg. 184 for details)	CA701		20
		CA701-15		10
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Warning Label		WLX2.5		100
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXDL2.5(I.S)



5 x 71 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 1.0 mm²	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
24 A	20 A		

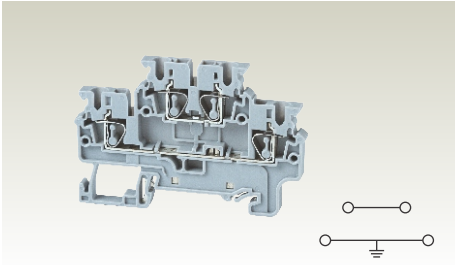
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXDL2.5(I.S)		50
EPCXDL2.5		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXDLG2.5



5 x 71 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 1.0 mm²	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
24 A	20 A		

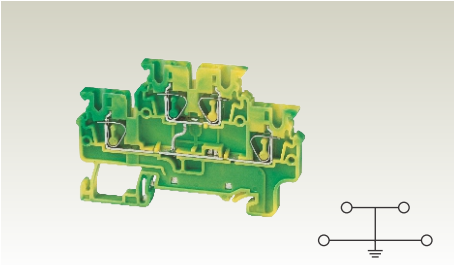
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXDLG2.5		50
EPCXDL2.5		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXDLG2.5(I.S)



5 x 71 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 1.0 mm²	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
24 A	20 A		

CE

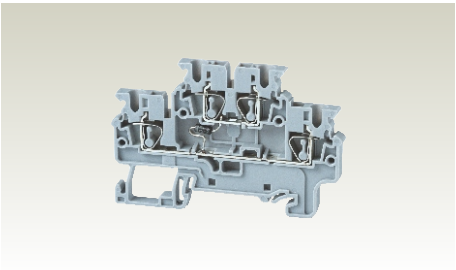
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXDLG2.5(I.S)		50
EPCXDL2.5		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

CXDL2.5(E)D1 / D2



These are electronic series spring clamp double level Terminal Blocks with built in diodes and LED.

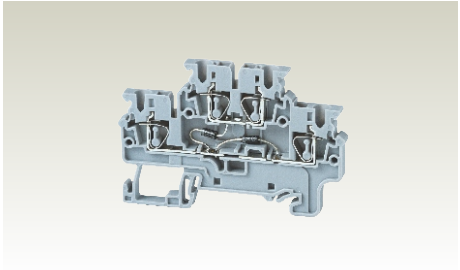
The built in diode acts as a free wheeling diode which is connected across the inductive load such as relay coils, solenoid valves, contractor coils to eliminate or suppress sudden voltage spike which appears across the load when its supply voltage is removed.

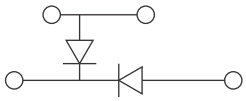
CXDL2.5(E)LD1 Terminal Block has a built in LED circuit for online indication.

Circuit Diagram		 D1 D2		
Width (Thickness) x Length		5 x 71 mm		
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		49.5 mm / 57 mm		
Connection Possibility as per		**IEC**		**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2		24 - 12 AWG
	Solid	0.2 - 4.0 mm^2		24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2		24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2		24 - 20 AWG
Wire Stripping Length		10 mm		
Ratings As Per		IEC60947-7-1	UL-1059	
Voltage		1000 V	600 V	
Current		24 A	20 A	
Approval		CE		
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1		
Rated Impulse Voltage / Pollution Degree		8 KV / 3		

			Type / Cat. No.		Standard Pack
Terminal Block			CXDL2.5(E)D1 / D2		50
End Plate			EPCXDL2.5		50
Mounting Rail	(Refer Pg. 184 for details)		CA701		20
			CA701-15		10
End Clamp	(Refer Pg. 185 for details)		CA702		50
			CA802		50
			CA103		50
Shorting Link	2 pole		JX2.5/2	Imax.: 24 A	100
	3 pole		JX2.5/3	24 A	50
	4 pole		JX2.5/4	24 A	50
	10 pole		JX2.5/10	24 A	10
Warning Label			WLX2.5		100
Test Plug			TX2.5		50
Marking Tag	(Refer Pg. 187 for details)		CA509/K5		100
Screw Driver			SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXDL2.5(E)DD1





5 x 71 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 1.0 mm^2	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
24 A	20 A		

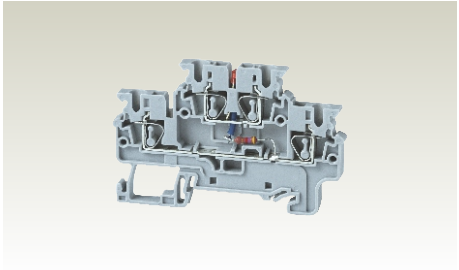
CE

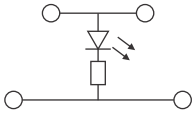
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXDL2.5(E)DD1		50
EPCXDL2.5		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXDL2.5(E)LD1





5 x 71 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 1.0 mm^2	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
24 A	20 A		

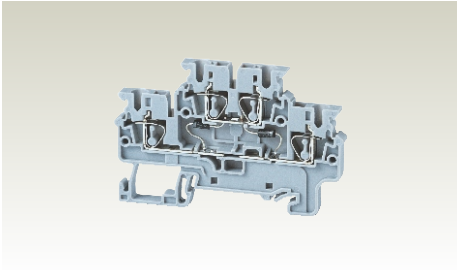
CE

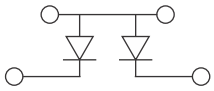
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXDL2.5(E)LD1		50
EPCXDL2.5		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXDL2.5(E)DD2





5 x 71 mm

49.5 mm / 57 mm

IEC	UL - CSA
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 4.0 mm^2	24 - 10 AWG
0.2 - 2.5 mm^2	24 - 12 AWG
0.2 - 1.0 mm^2	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
24 A	20 A		

CE

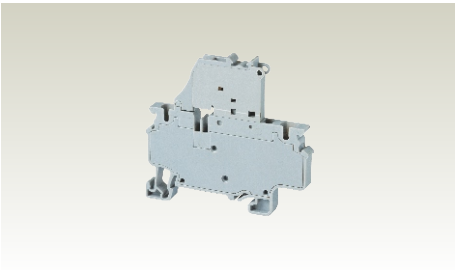
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXDL2.5(E)DD2		50
EPCXDL2.5		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

FUSE TERMINAL BLOCKS

CXF4

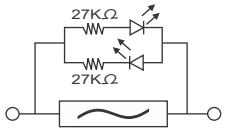


These Terminal Blocks are used in electrical and control systems which require fuse protection. These Terminal Blocks accept industry standard Ø 5 x 20 mm glass cartridge fuses. Fuse blocks with suffix (L) are used for off-line indication in case of fuse blow out.

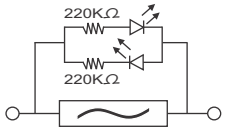
These terminals have a built in end plate and hence no live parts are exposed. They can be internally bridged using standard shorting accessories.

Width (Thickness) x Length		6 x 65.4 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		61.3 mm / 68.8 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	24 - 10 AWG
	Solid	0.2 - 6.0 mm^2	24 - 8 AWG
	with Ferrule / Lug	0.2 - 4.0 mm^2	24 - 10 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 18 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-3	UL-1059
Voltage		1000 V	600 V
Current		10A	10A
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.	Standard Pack
Terminal Block	For 6-60 V	CXF4	50
	For 110-250 V		
Partition Plate		PPCX4/3	50
Mounting Rail	(Refer Pg. 184 for details)	CA701	20
		CA701-15	10
End Clamp	(Refer Pg. 185 for details)	CA702	50
		CA802	50
		CA103	50
Shorting Link	2 pole	JX4/2 Imax.: 24 A	100
	3 pole	JX4/3 24 A	50
	4 pole	JX4/4 24 A	50
	10 pole	JX4/10 24 A	10
Warning Label		WLX4	100
Test Plug		TX4	50
Marking Tag	(Refer Pg. 187 for details)	CA509/K6	100
Screw Driver		SCS0.6/3.5 Blade size: 0.6 x 3.5 mm	10



LED Circuit for offline indication in CXF4L6-60V

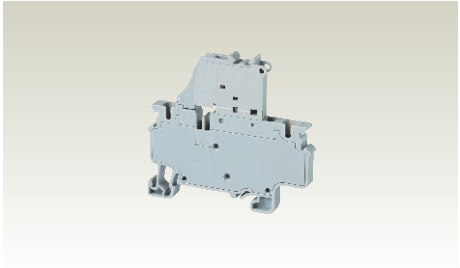


LED Circuit for offline indication in CXF4L110-240V

MICRO SIDE ENTRY TERMINAL BLOCKS

The CMS2.5 is mini feed through spring clamp Terminal Block designed for Din 15 rail. It is an ideal choice for constrained spaces and small junction boxes.

CXF4L



6 x 65.4 mm		
61.3 mm / 68.8 mm		
IEC		**UL - CSA**
0.2 - 4.0 mm²		24 - 10 AWG
0.2 - 6.0 mm²		24 - 8 AWG
0.2 - 4.0 mm²		24 - 10 AWG
0.2 - 1.0 mm²		24 - 18 AWG
10 mm		
IEC60947-7-3	UL-1059	
1000 V	600 V	
10 A	10 A	
CE		
Polyamide 66 / 1		
8 KV / 3		

Type / Cat. No.		Standard Pack
CXF4L6 - 60V		50
CXF4L110 - 240V		50
PPCX4/3		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 24 A	100
JX4/3	24 A	50
JX4/4	24 A	50
JX4/10	24 A	10
WLX4		100
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

Width (Thickness) x Length		
Height with DIN 15 mm Rail		
Connection Possibility as per		
With 1 Conductor per clamp	Stranded / Flexible	
	Solid	
	with Ferrule / Lug	
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	
Wire Stripping Length		
Ratings As Per		
Voltage		
Current		
Insulation Material / Comparative Tracking Index		
Rated Impulse Voltage / Pollution Degree		

Terminal Block		
End Plate		
Mounting Rail		
End Clamp	(Refer Pg. 185 for details)	
Marking Tags	(Refer Pg. 187 for details)	
Screw Driver		

CMS2.5

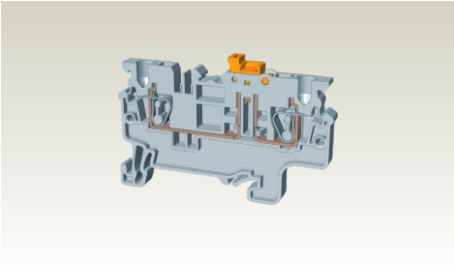
For DIN 15 Rail Mounting

5 x 31mm			
30.15 mm			
IEC		**UL - CSA**	
0.2 - 2.5 mm²		24 - 12 AWG	
0.2 - 4.0 mm²		24 - 10 AWG	
0.2 - 2.5 mm²		24 - 12 AWG	
0.2 - 0.5 mm²		24 - 20 AWG	
10 mm			
IEC60947-7-1	UL-1059		
800 V	300 V		
24 A	20 A		
Polyamide 66 / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CMS2.5		50
EPCMS2.5		50
CA601		50 m
CA602		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

DISCONNECT & TEST TERMINAL BLOCKS

CXK2.5



CXK series terminals are a compact disconnect spring clamp Terminal Blocks.

In these Terminal Blocks disconnection is achieved by opening the insulated knife (blade) contact in the middle of the terminal.

Separate testing points are provided on top for inserting standard Ø2.3 mm test probes.

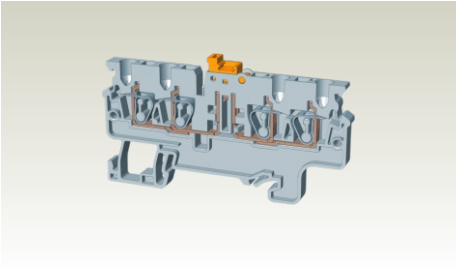
Alternate and continuous bridging can be done with standard insulated push in jumpers.

Multi connect 4 wire terminals eliminate reliability problems encountered when there is a need to connect multiple wires in a single Terminal Block.

Width (Thickness) x Length		5 x 62.2 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		38 mm / 45.5 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 0.5 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		22 A	20 A
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CXK2.5		50
End Plate		EPCX2.5/3		50
Partition Plate		PPCX4/3		20
Mounting Rail	(Refer Pg. 184 for details)	CA701		20
		CA701-15		10
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Warning Label		WLX2.5		100
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXK2.5/4



5 x 74.7 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 2.5 mm²	24 - 12 AWG
0.2 - 0.5 mm²	24 - 20 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
22 A	20 A		

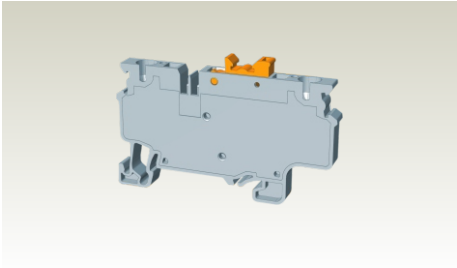
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXK2.5/4		50
EPCX2.5/4		20
PPCX4/4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX2.5/2	Imax.: 24 A	100
JX2.5/3	24 A	50
JX2.5/4	24 A	50
JX2.5/10	24 A	10
WLX2.5		100
TX2.5		50
CA509/K5		100
SCS0.5/3	Blade size: 0.5 x 3 mm	10

CXK4



6 x 70.5 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
28 A	30 A		

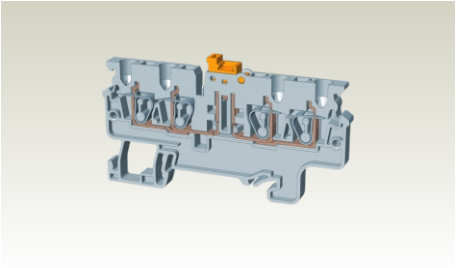
CE

Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXK4		50
EPCX2.5/3		50
PPCX4/3		50
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 24 A	100
JX4/3	24 A	50
JX4/4	24 A	50
JX4/10	24 A	10
WLX4		50
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

CXK4/4



6 x 86.2 mm

38 mm / 45.5 mm

IEC	UL - CSA
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 6.0 mm²	24 - 8 AWG
0.2 - 4.0 mm²	24 - 10 AWG
0.2 - 1.0 mm²	24 - 18 AWG

10 mm

IEC60947-7-1	UL-1059		
1000 V	600 V		
28 A	30 A		

CE

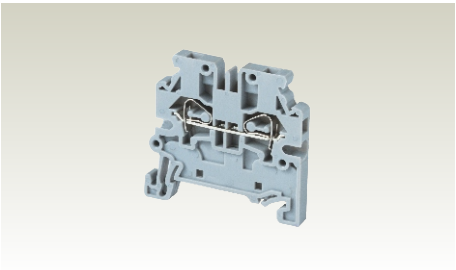
Polyamide 66 / 1

8 KV / 3

Type / Cat. No.		Standard Pack
CXK4/4		50
EPCX4/4		50
PPCX4/4		20
CA701		20
CA701-15		10
CA702		50
CA802		50
CA103		50
JX4/2	Imax.: 24 A	100
JX4/3	24 A	50
JX4/4	24 A	50
JX4/10	24 A	10
WLX4		50
TX4		50
CA509/K6		100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

SIDE ENTRY FEED THROUGH TERMINAL BLOCKS

CXS2.5



CXS2.5 is a feed through spring clamp side wire entry Terminal Block. It is specially designed for mounting location with low installation height.

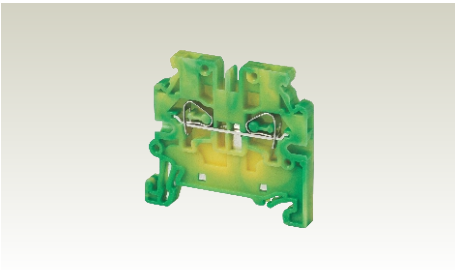
This Terminal Block can be actuated from side as well as from the top using standard screw driver.

Width (Thickness) x Length		5 x 43 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		43.5 mm / 51 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 1.0 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Ratings As Per		IEC60947-7-1	UL-1059
Voltage		1000 V	600 V
Current		24 A	20 A
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CXS2.5		50
End Plate		EPCXS2.5		50
Mounting Rail	(Refer Pg. 184 for details)	CA701		50 m
		CA701-15		50 m
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	0.5 x 3 mm	10

SIDE ENTRY GROUND / EARTH TERMINAL BLOCKS

CXSG2.5



CXSG2.5 is a spring clamp side wire entry earthing Terminal Block. The terminal is available in a standard green-yellow colour which clearly indicates the ground conductor function of the Terminal Block.

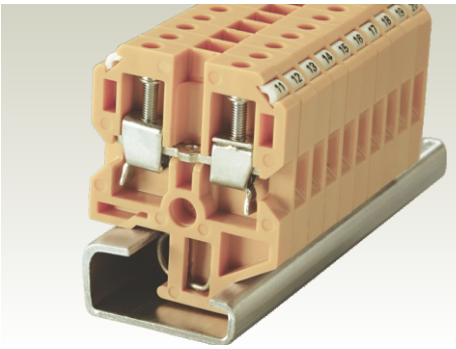
This Terminal Block can be actuated from side as well as from the top using standard screw driver.

Width (Thickness) x Length		5 x 43 mm	
Height with DIN 35 x 7.5 / 35 x 15 mm Rail		43.5 mm / 51 mm	
Connection Possibility as per		**IEC**	**UL - CSA**
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	24 - 12 AWG
	Solid	0.2 - 4.0 mm^2	24 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	24 - 12 AWG
With 2 same size Conductors per clamp	with TWIN Ferrule / Lug	0.2 - 0.5 mm^2	24 - 20 AWG
Wire Stripping Length		10 mm	
Approval		CE	
Insulation Material / Comparative Tracking Index		Polyamide 66 / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

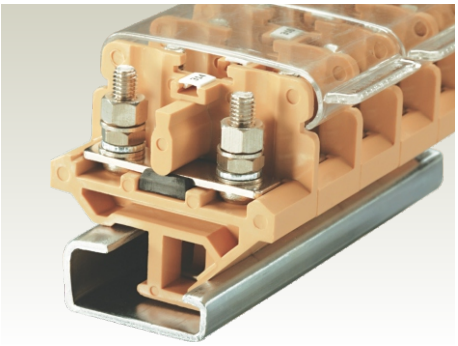
		Type / Cat. No.		**Standard Pack**
Terminal Block		CXSG2.5		50
End Plate		EPCXS2.5		50
Mounting Rail	(Refer Pg. 184 for details)	CA701		50 m
		CA701-15		50 m
End Clamp	(Refer Pg. 185 for details)	CA702		50
		CA802		50
		CA103		50
Shorting Link	2 pole	JX2.5/2	Imax.: 24 A	100
	3 pole	JX2.5/3	24 A	50
	4 pole	JX2.5/4	24 A	50
	10 pole	JX2.5/10	24 A	10
Test Plug		TX2.5		50
Marking Tag	(Refer Pg. 187 for details)	CA509/K5		100
Screw Driver		SCS0.5/3	0.5 x 3 mm	10

MELAMINE TERMINAL BLOCKS

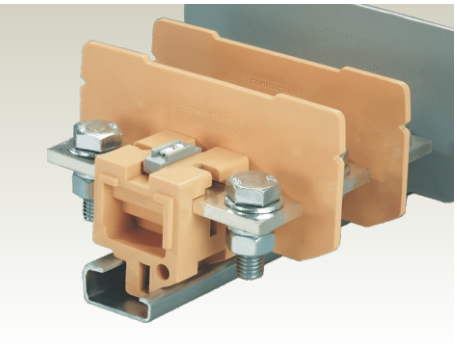
High Grade Melamine Terminal Blocks are suitable for applications involving high temperature. Connections can be made by simply stripping the wire of its insulation to the recommended length and clamping it without any additional preparation.
In no instance does the clamping screw act directly on the wire and this effectively prevents damage to the wire.



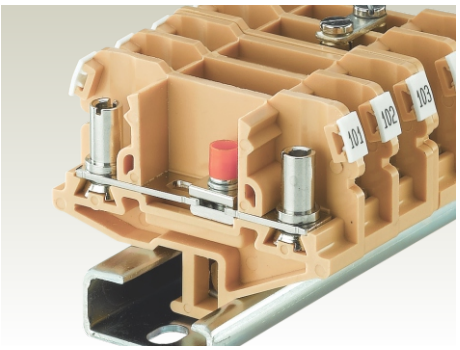
Screw Clamp Terminal Blocks with a high torque clamping system ensuring safe, gas tight connections. Cold forged, rolled threaded screws ensure highly reliable connections.



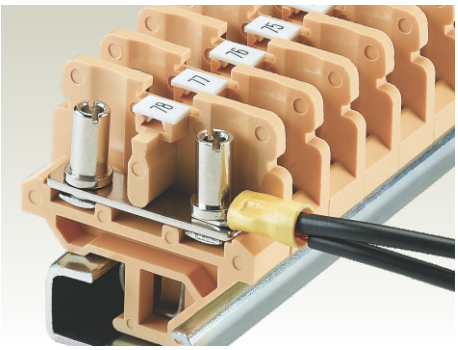
High Torque clamping system for ring & fork type lugs / ferrules. Extremely effective clamping system for areas prone to high vibrations.



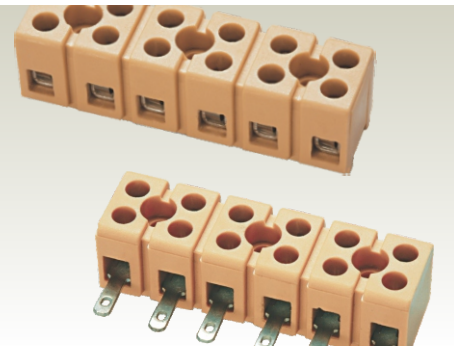
High current terminal blocks provide extremely reliable connection for higher size wires. Additional isolation plates are used to make these assemblies safe.



Disconnecting Terminal Block system is a versatile wire connection method for current transformer and power meters. A wide range of accessories eases the testing of these instruments.



Commercially available ring or fork type lugs / ferrules can be used for terminating multiple wires. The bolt & nut system make these multi wire connections safe and secure.



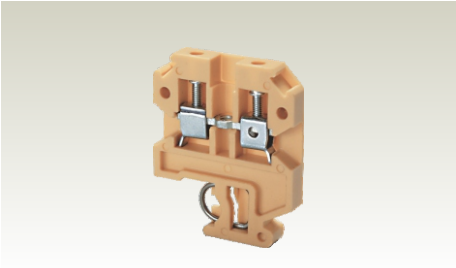
Strip type terminals are used for electric and electronic equipments and smaller junction boxes. They can be cut to different pole configurations.

STANDARD FEED THROUGH TERMINAL BLOCKS

These Terminal Blocks are ideal choice for use in High Temperature applications. Theses Terminal Blocks can be mounted on a standard 'G' rail and are available for wire sizes from 0.25 to 35 sq.mm.

These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws. The specially designed 'Knock Out' at the center must be removed to facilitate permanent shorting.

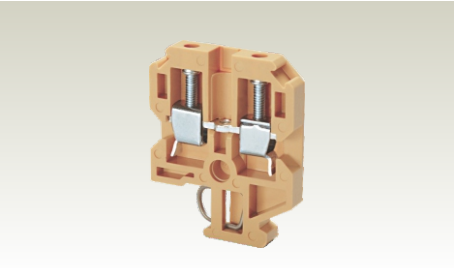
CTS2.5(M)



Width (Thickness) x Length		6 x 36.5 mm	
Height with DIN 32 x 15 mm Rail		46.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG
	Solid	0.2 - 4.0 mm^2	22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	22 - 14 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 16 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1 CSA22.2-158	
Voltage		800 V	600 V
Current		24 A	25 A
Torque		0.4 Nm	7 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CTS2.5(M)		200
End Plate		CTSEP01		50
Partition Plate		CTSPP01		50
Mounting Rail (Refer Pg. 184 for details)		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA502		100
		CA702		50
Pre Assembled Shorting Links	2 pole	CA521/2	Imax.: 24 A	100
	3 pole	CA521/3	24 A	100
	4 pole	CA521/4	24 A	100
	10 pole	CA521/10	24 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA621/2	Imax.: 24 A	100
	3 pole	CA621/3	24 A	100
	4 pole	CA621/4	24 A	100
	10 pole	CA621/10	24 A	10
Permanent Shorting Links	2 pole	CA503/01	Imax.: 24 A	100
	3 pole	CA504/01	24 A	100
	4 pole	CA505/01	24 A	100
	10 pole	CA510/10	24 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA507/S/Q/01		100
Short Stud & Screw for permanent shorting		CA507/S/01		100
Switchable Shorting Links		CA506/01	Imax.: 24 A	100
Long Sleeve & Screw for Switchable Shorting Links		CA507/L/Q/01		100
Long Stud & Screw for temporary shorting		CA507/L/01		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Test Socket		CA707/TS/04		100
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10

CTS2.5



6.7 x 40 mm

52 mm

IEC	UL - CSA
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 6.0 mm²	
0.2 - 4.0 mm²	22 - 10 AWG
0.2 - 2.5 mm²	22 - 12 AWG
0.2 - 2.5 mm²	22 - 12 AWG

12 mm

IEC60947-7-1 CSA22.2-158

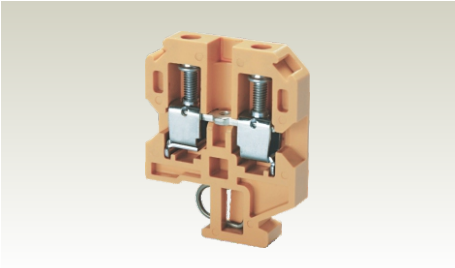
800 V	600 V		
32 A	40 A*		
0.5 Nm	7 lb-in		

Melamine / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CTS2.5			200
CTSEP1			50
CTSPP1L			50
CTSPP1B			50
CA501			50 m
CA502			100
CA702			50
CA522/2	Imax.:	32 A	100
CA522/3		32 A	100
CA522/4		32 A	100
CA522/10		32 A	10
CA622/2	Imax.:	32 A	100
CA622/3		32 A	100
CA622/4		32 A	100
CA622/10		32 A	10
CA503/1	Imax.:	32 A	100
CA504/1		32 A	100
CA505/1		32 A	100
CA510/1		32 A	100
CA707/S/Q/1			100
CA507/S/1			100
CA506/1	Imax.:	32 A	100
CA507/L/Q/1			100
CA507/L/1			100
CA509/K2			100
CA707/TS/04			100
SCS0.6/3.5	Blade size: 0.6 x 3.5 mm		10

CTS6



8 x 40 mm

52 mm

IEC	UL - CSA
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 4.0 mm²	22 - 10 AWG
1.5 - 4.0 mm²	22 - 10 AWG

10 mm

IEC60947-7-1 CSA22.2-158

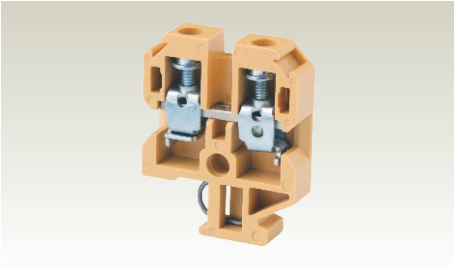
1000 V	600 V		
41 A	50 A		
0.8 Nm	14 lb-in		

Melamine / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CTS6			200
CTSEP1			50
CTSPP1L			50
CTSPP1B			50
CA501			50 m
CA502			100
CA702			50
CA723/2	Imax.:	41 A	100
CA723/3		41 A	100
CA723/4		41 A	100
CA723/10		41 A	10
CA743/2	Imax.:	41 A	100
CA743/3		41 A	100
CA743/4		41 A	100
CA743/10		41 A	10
CA703/2	Imax.:	41 A	100
CA704/2		41 A	100
CA705/2		41 A	100
CA733/10		41 A	100
CA707/S/Q/1			100
CA507/S/1			100
CA706/2	Imax.:	41 A	100
CA707/L/Q/1			100
CA507/L/1			100
CA509/K2			100
CA707/TS/05			100
SCS0.8/4	Blade size: 0.8 x 4 mm		10

CTS10



10 x 40 mm

52 mm

IEC	UL - CSA
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 10 AWG

12 mm

IEC60947-7-1 CSA22.2-158

1000 V	600 V		
57 A	65 A		
1.2 Nm	14 lb-in		

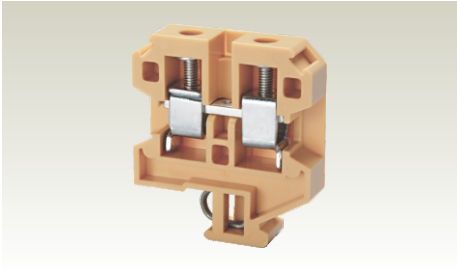
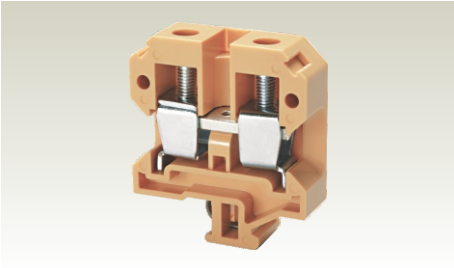
Melamine / 1

8 KV / 3

Type / Cat. No.			Standard Pack
CTS10			200
CTSEP1			50
CTSPP1L			50
CTSPP1B			50
CA501			50 m
CA502			100
CA702			50
CA724/2	Imax.:	57 A	100
CA724/3		57 A	100
CA724/4		57 A	100
CA724/10		57 A	10
CA744/2	Imax.:	57 A	100
CA744/3		57 A	100
CA744/4		57 A	100
CA744/10		57 A	10
CA703/3	Imax.:	57 A	100
CA704/3		57 A	100
CA705/3		57 A	100
CA734/10		57 A	100
CA707/S/Q/1			100
CA507/S/2			100
CA706/3	Imax.:	57 A	100
CA707/L/Q/1			100
CA507/L/2			100
CA509/K2			100
CA707/TS/05			100
SCS0.8/4	Blade size: 0.8 x 4 mm		10

* 40 Amp with two 12 AWG wires
35 Amp with one 10 AWG wire

STANDARD FEED THROUGH TERMINAL BLOCKS

	CTS16		CTS35	
				
Width (Thickness) x Length	12 x 50 mm		18 x 58 mm	
Height with DIN 32 x 15 mm Rail	57.5 mm		66.8 mm	
Connection Possibility as per	IEC	UL - CSA	IEC	UL - CSA
With 1 Conductor per clamp — Stranded / Flexible	6.0 - 16.0 mm^2	20 - 4 AWG	10.0 - 35.0 mm^2	8 - 2 AWG
With 1 Conductor per clamp — with Ferrule / Lug	6.0 - 16.0 mm^2	20 - 4 AWG	10.0 - 35.0 mm^2	8 - 2 AWG
With 2 same size Conductors per clamp — Stranded / Flexible	6.0 - 10.0 mm^2	20 - 8 AWG	10.0 - 16.0 mm^2	8 - 6 AWG
With 2 same size Conductors per clamp — with TWIN Ferrule / Lug	6.0 - 10.0 mm^2	20 - 8 AWG	10.0 - 16.0 mm^2	8 - 6 AWG
Wire Stripping Length	14 mm		20 mm	
Ratings As Per	IEC60947-7-1 CSA22.2-158		IEC60947-7-1 CSA22.2-158	
Voltage	1000 V	600 V	1100 V	600 V
Current	76 A	85 A	125 A	145 A
Torque	1.2 Nm	14 lb-in	2.5 Nm	25 lb-in
Approvals				
Insulation Material / Comparative Tracking Index	Melamine / 1		Melamine / 1	
Rated Impulse Voltage / Pollution Degree	8 KV / 3		8 KV / 3	

	Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block	CTS16	100	CTS35	50
End Plate	CTSEP2	50	CTSEP3	25
Partition Plate	CTSPP2	50	CTSPP3	50
Mounting Rail (Refer Pg. 184 for details)	CA501	50 m	CA501	50 m
End Clamp (Refer Pg. 185 for details)	CA502 CA702	100 50	CA502 CA702	100 50
Pre Assembled Shorting Links — 2 pole	CA751/2 Imax.: 76 A	50		
Pre Assembled Shorting Links — 3 pole	CA751/3 76 A	50		
Pre Assembled Shorting Links — 4 pole	CA751/4 76 A	50		
Pre Assembled Shorting Links — 10 pole	CA751/10 76 A	10		
Insulated Pre Assembled Shorting Link — 2 pole	CA761/2 Imax.: 76 A	50		
Insulated Pre Assembled Shorting Link — 3 pole	CA761/3 76 A	50		
Insulated Pre Assembled Shorting Link — 4 pole	CA761/4 76 A	50		
Insulated Pre Assembled Shorting Link — 10 pole	CA761/10 76 A	10		
Permanent Shorting Links — 2 pole	CA703/8 Imax.: 76 A	100	CA503/5 Imax.: 125 A	100
Permanent Shorting Links — 3 pole	CA704/8 76 A	100	CA504/5 125 A	100
Permanent Shorting Links — 4 pole	CA705/8 76 A	100	CA505/5 125 A	100
Permanent Shorting Links — 10 pole	CA739/10 76 A	100	CA510/5 125 A	100
Short Sleeve & Screw for Permanent Shorting Links	CA507/S/Q/1	100	CA508/S/Q	100
Short Stud & Screw for permanent shorting	CA507/S/2	100	CA508/S	100
Switchable Shorting Links	CA706/8 Imax.: 76 A	100	CA506/5 Imax.: 125 A	100
Long Sleeve & Screw for Switchable Shorting Links	CA707/L/Q/1	100	CA508/L/Q	100
Long Stud & Screw for temporary shorting	CA507/L/2	100	CA508/L	100
Marking Tags (Refer Pg. 187 for details)	CA509/K2	100	CA509/K2	100
Test Socket	CA707/TS/05	100	CA707/TS/06	100
Screw Driver	SCS0.8/4 Blade size: 0.8 x 4 mm	10	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10

STUD TYPE TERMINAL BLOCKS

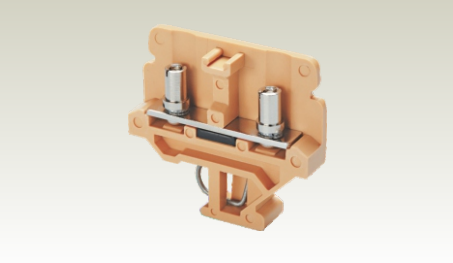
These Terminal Blocks are preferred for applications where the connections are subjected to severe vibrations.

The wire is crimped to a ring / fork type lug (ferrule) and is screwed on to the flat current bar on the Terminal Block. The range includes Terminal Blocks for wire sizes from 0.25 to 35 sq.mm.

Cross connection can be achieved with the aid of external shorting links.

It is recommended to use Protective Covers in transparent plastic to fully shroud these assemblies.

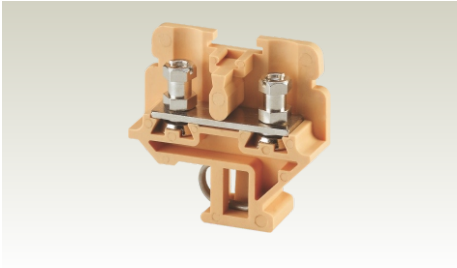
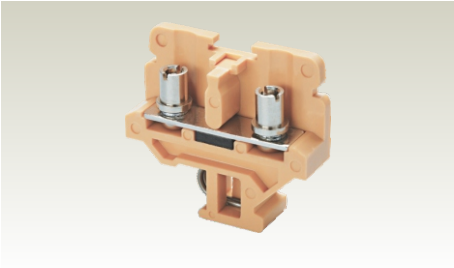
CSTSB3



Width (Thickness) x Length		10 x 50 mm	
Height with DIN 32 x 15 mm Rail		47.5 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2	22 - 10 AWG
	Solid with Ferrule / Lug	1.5 - 6.0 mm^2	
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 2.5 mm^2	22 - 12 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1 CSA22.2-158	
Voltage		1100 V	600 V
Current		41 A	35 A
Torque		0.5 Nm	7 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

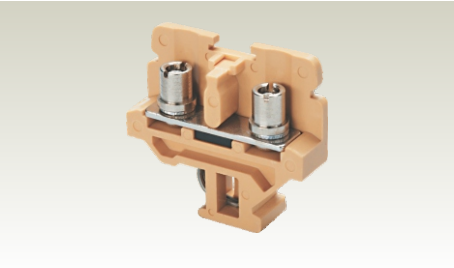
		Type / Cat. No.		Standard Pack
Terminal Block		CSTSB3		100
End Plate		CSTSEP2		50
Partition Plate		CSTSPP		50
Mounting Rail (Refer Pg. 184 for details)		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA502 CA702		100 50
Protective Cover for covering	2 Terminal 3 Terminal	CSTSPC3 CSTSPC3-1		100 100
Protective Cover in Length	100 mm 200 mm 300 mm	CSTSPC1-2 CSTSPC1-3 CSTSPC1-4		10 10 10
Fork Type Shorting Links	2 pole 3 pole 4 pole	CA512/5-2 CA512/5-3 CA512/5-4	Imax.: 32 A 32 A 32 A	100 50 50
Insulated Fork Type Shorting Links	2 pole 3 pole 4 pole	CA514/5-2 CA514/5-3 CA514/5-4	Imax.: 32 A 32 A 32 A	100 50 50
Ring Type Shorting Links	2 pole 3 pole 4 pole	CA512/6-2 CA512/6-3 CA512/6-4	Imax.: 32 A 32 A 32 A	100 50 50
Insulated Ring Type Shorting Links	2 pole 3 pole 4 pole	CA514/6-2 CA514/6-3 CA514/6-4	Imax.: 32 A 32 A 32 A	100 50 50
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4		100
Screw Driver		SCS0.8/4	Blade size: 0.8 x 4 mm	10
Stud Size				

STUD TYPE TERMINAL BLOCKS

	CSTSB4/N4		CSTSB4	
				
Width (Thickness) x Length	13 x 45.0 mm		13 x 50 mm	
Height with DIN 32 x 15 mm Rail	45.0 mm		47.5 mm	
Connection Possibility as per	IEC	UL - CSA	IEC	UL - CSA
With 1 Conductor per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 10.0 mm^2	22 - 6 AWG	1.5 - 10.0 mm^2	22 - 6 AWG
With 1 Conductor per clamp — Solid with Ferrule / Lug	1.5 - 16.0 mm^2		1.5 - 16.0 mm^2	
With 2 same size Conductors per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 10.0 mm^2	22 - 6 AWG	1.5 - 6.0 mm^2	22 - 8 AWG
Wire Stripping Length	12 mm		12 mm	
Ratings As Per	IEC60947-7-1		IEC60947-7-1 CSA22.2-158	
Voltage	1100 V		1000 V	600 V
Current	57 A		57 A	65 A
Torque	1.2 Nm		1.2 Nm	14 lb-in
Approvals	CE		IECEE CE CSA us	
Insulation Material / Comparative Tracking Index	Melamine / 1		Melamine / 1	
Rated Impulse Voltage / Pollution Degree	8 KV / 3		8 KV / 3	

		Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block		CSTSB4/N4	100	CSTSB4	100
End Plate		EPCSTSB4/N4	50	CSTSEP2	50
Partition Plate				CSTSPP	50
Mounting Rail (Refer Pg. 184 for details)		CA501	50 m	CA501	50 m
End Clamp (Refer Pg. 185 for details)		CA502 CA702	100 50	CA502 CA702	100 50
Protective Cover for covering	2 Terminal 3 Terminal			CSTSPC2 CSTSPC2-1	100 100
Protective Cover in Length	100 mm	CSTSPC1-5	10	CSTSPC1-2	10
	200 mm	CSTSPC1-6	10	CSTSPC1-3	10
	300 mm	CSTSPC1-7	10	CSTSPC1-4	10
Fork Type Shorting Links	2 pole	CA512/2-2 Imax.: 76 A	100	CA512/2-2 Imax.: 76 A	100
	3 pole	CA512/2-3 76 A	50	CA512/2-3 76 A	50
	4 pole	CA512/2-4 76 A	50	CA512/2-4 76 A	50
Insulated Fork Type Shorting Links	2 pole	CA514/2-2 Imax.: 76 A	100	CA514/2-2 Imax.: 76 A	100
	3 pole	CA514/2-3 76 A	50	CA514/2-3 76 A	50
	4 pole	CA514/2-4 76 A	50	CA514/2-4 76 A	50
Ring Type Shorting Links	2 pole	CA512/4-2 Imax.: 76 A	100	CA512/4-2 Imax.: 76 A	100
	3 pole	CA512/4-3 76 A	50	CA512/4-3 76 A	50
	4 pole	CA512/4-4 76 A	50	CA512/4-4 76 A	50
Insulated Ring Type Shorting Links	2 pole	CA514/4-2 Imax.: 76 A	100	CA514/4-2 Imax.: 76 A	100
	3 pole	CA514/4-3 76 A	50	CA514/4-3 76 A	50
	4 pole	CA514/4-4 76 A	50	CA514/4-4 76 A	50
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4	100	CA509/K2B4	100
Screw Driver		SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10	SCS1.0/5.5 Blade size: 1.0 x 5.5 mm	10
Stud Size		M4			

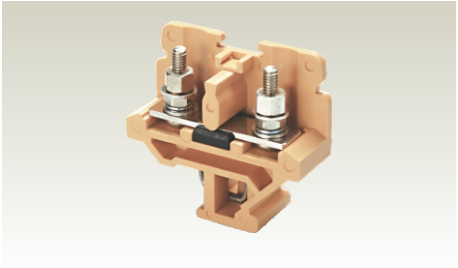
CSTSB5



13 x 50 mm	
47.5 mm	
IEC	UL - CSA
1.5 - 16.0 mm²	22 - 4 AWG
1.5 - 6.0 mm²	22 - 8 AWG
12 mm	
IEC60947-7-1	CSA22.2-158
1000 V	600 V
76 A	80 A
2.0 Nm	25 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CSTSB5		100
CSTSEP2		50
CSTSPP		50
CA501		50 m
CA502		100
CA702		50
CSTSPC2		100
CSTSPC2-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10
CA512/2-2	Imax.: 76 A	100
CA512/2-3	76 A	50
CA512/2-4	76 A	50
CA514/2-2	Imax.: 76 A	100
CA514/2-3	76 A	50
CA514/2-4	76 A	50
CA512/4-2	Imax.: 76 A	100
CA512/4-3	76 A	50
CA512/4-4	76 A	50
CA514/4-2	Imax.: 76 A	100
CA514/4-3	76 A	50
CA514/4-4	76 A	50
CA509/K2B4		100
SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10

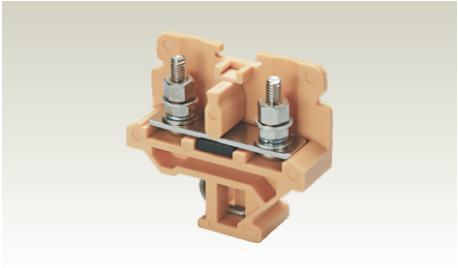
CSTSN4



17 x 50 mm	
47.5 mm	
IEC	UL - CSA
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 8 AWG
12 mm	
IEC60947-7-1	CSA22.2-158
1100 V	600 V
57 A	65 A
1.2 Nm	14 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CSTSN4		100
CSTSEP2		50
CSTSPP		50
CA501		50 m
CA502		100
CA702		50
CSTSPC1		100
CSTSPC1-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10
CA512/1-2	Imax.: 76 A	100
CA512/1-3	76 A	50
CA512/1-4	76 A	50
CA514/1-2	Imax.: 76 A	100
CA514/1-3	76 A	50
CA514/1-4	76 A	50
CA512/3-2	Imax.: 76 A	100
CA512/3-3	76 A	50
CA512/3-4	76 A	50
CA514/3-2	Imax.: 76 A	100
CA514/3-3	76 A	50
CA514/3-4	76 A	50
CA509/K2B4		100
M4		

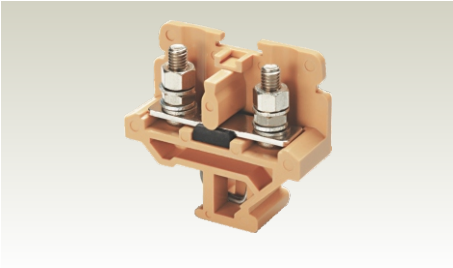
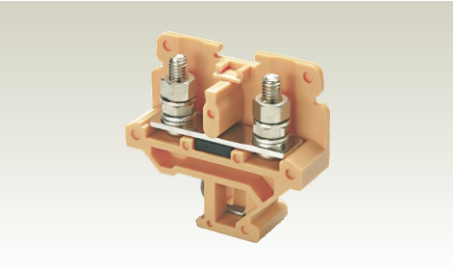
CSTSN4(15)



15 x 50 mm	
47.5 mm	
IEC	UL - CSA
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 8 AWG
12 mm	
IEC60947-7-1	CSA22.2-158
1000 V	600 V
57 A	65 A
1.2 Nm	14 lb-in
Melamine / 1	
8 KV / 3	

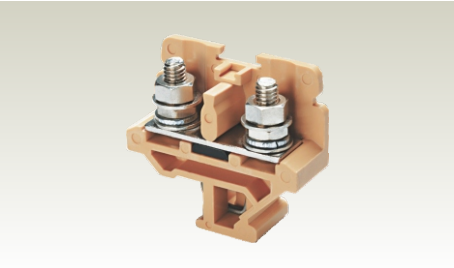
Type / Cat. No.		Standard Pack
CSTSN4(15)		100
CSTSEP2		50
CSTSPP		50
CA501		50 m
CA502		100
CA702		50
CSTSPC1		100
CSTSPC1-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10
CA512/9-2	Imax.: 76 A	100
CA512/9-3	76 A	50
CA512/9-4	76 A	50
CA514/9-2	Imax.: 76 A	100
CA514/9-3	76 A	50
CA514/9-4	76 A	50
CA512/10-2	Imax.: 76 A	100
CA512/10-3	76 A	50
CA512/10-4	76 A	50
CA514/10-2	Imax.: 76 A	100
CA514/10-3	76 A	50
CA514/10-4	76 A	50
CA509/K2B4		100
M4		

STUD TYPE TERMINAL BLOCKS

	CSTSN5		CSTSN5(15)	
				
Width (Thickness) x Length	17 x 50 mm		15 x 50 mm	
Height with DIN 32 x 15 mm Rail	47.5 mm		47.5 mm	
Connection Possibility as per	IEC	UL - CSA	IEC	UL - CSA
With 1 Conductor per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 16.0 mm^2	22 - 4 AWG	1.5 - 16.0 mm^2	22 - 4 AWG
With 1 Conductor per clamp — Solid with Ferrule / Lug				
With 2 same size Conductors per clamp — Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm^2	22 - 8 AWG	1.5 - 6.0 mm^2	22 - 8 AWG
Wire Stripping Length	12 mm		12 mm	
Ratings As Per	IEC60947-7-1 CSA22.2-158		IEC60947-7-1 CSA22.2-158	
Voltage	1100 V	600 V	1000 V	600 V
Current	76 A	80 A	76 A	80 A
Torque	2.0 Nm	25 lb-in	2.0 Nm	25 lb-in
Approvals				
Insulation Material / Comparative Tracking Index	Melamine / 1		Melamine / 1	
Rated Impulse Voltage / Pollution Degree	8 KV / 3		8 KV / 3	

		Type / Cat. No.	Standard Pack	Type / Cat. No.	Standard Pack
Terminal Block		CSTSN5	100	CSTSN5(15)	100
End Plate		CSTSEP2	50	CSTSEP2	50
Partition Plate		CSTSPP	50	CSTSPP	50
Mounting Rail (Refer Pg. 184 for details)		CA501	50 m	CA501	50 m
End Clamp (Refer Pg. 185 for details)		CA502 CA702	100 50	CA502 CA702	100 50
Protective Cover for covering	2 Terminal 3 Terminal	CSTSPC1 CSTSPC1-1	100 100	CSTSPC4 CSTSPC4-1	100 100
Protective Cover in Length	90 mm 100 mm 150 mm 200 mm 300 mm	CSTSPC1-2 CSTSPC1-3 CSTSPC1-4	10 10 10	CSTSPC1-2 CSTSPC1-3 CSTSPC1-4	10 10 10
Protective Cover Holder					
Fork Type Shorting Links	2 pole 3 pole 4 pole	CA512/1-2 Imax.: 76 A CA512/1-3 76 A CA512/1-4 76 A	100 50 50	CA512/9-2 Imax.: 76 A CA512/9-3 76 A CA512/9-4 76 A	100 50 50
Insulated Fork Type Shorting Links	2 pole 3 pole 4 pole	CA514/1-2 Imax.: 76 A CA514/1-3 76 A CA514/1-4 76 A	100 50 50	CA514/9-2 Imax.: 76 A CA514/9-3 76 A CA514/9-4 76 A	100 50 50
Ring Type Shorting Links	2 pole 3 pole 4 pole	CA512/3-2 Imax.: 76 A CA512/3-3 76 A CA512/3-4 76 A	100 50 50	CA512/10-2 Imax.: 76 A CA512/10-3 76 A CA512/10-4 76 A	100 50 50
Insulated Ring Type Shorting Links	2 pole 3 pole 4 pole	CA514/3-2 Imax.: 76 A CA514/3-3 76 A CA514/3-4 76 A	100 50 50	CA514/10-2 Imax.: 76 A CA514/10-3 76 A CA514/10-4 76 A	100 50 50
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4	100	CA509/K2B4	100
Marker Mounting Carrier					
Stud Size		M5		M5	

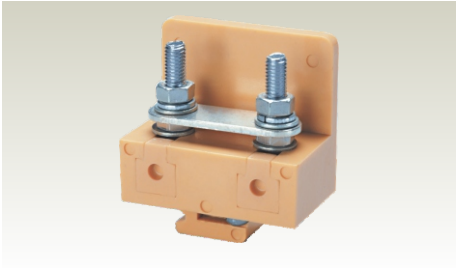
CSTSN6



17 x 50 mm	
47.5 mm	
IEC	UL - CSA
1.5 - 35.0 mm²	22 - 2 AWG
1.5 - 16.0 mm²	22 - 4 AWG
12 mm	
IEC60947-7-1 CSA22.2-158	
1000 V	600 V
125 A	125 A
3.0 Nm	25 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CSTSN6		100
CSTSEP2		50
CSTSPP		50
CA501		50 m
CA502		100
CA702		50
CSTSPC1		100
CSTSPC1-1		100
CSTSPC1-2		10
CSTSPC1-3		10
CSTSPC1-4		10
CA512/7-2	Imax.: 125 A	100
CA512/7-3	125 A	50
CA512/7-4	125 A	50
CA514/7-2	Imax.: 125 A	100
CA514/7-3	125 A	50
CA514/7-4	125 A	50
CA512/8-2	Imax.: 125 A	100
CA512/8-3	125 A	50
CA512/8-4	125 A	50
CA514/8-2	Imax.: 125 A	100
CA514/8-3	125 A	50
CA514/8-4	125 A	50
CA509/K2B4		100
M6		

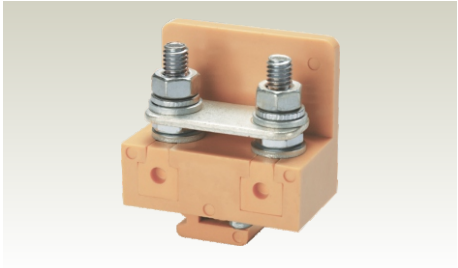
CSTSRN5



26 x 43 mm	
53.5 mm	
IEC	UL - CSA
1.5 - 16.0 mm²	22 - 4 AWG
1.5 - 16.0 mm²	22 - 4 AWG
16 mm	
IEC60947-7-1 CSA22.2-158	
1100 V	600 V
76 A	85 A
2.0 Nm	25 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CSTSRN5		50
CSTSREP		50
CA501		50 m
CA502		100
CA702		50
CTSPC(90 mm)		10
CTSPC(100 mm)		10
CTSPC(150 mm)		10
CTSPC(200 mm)		10
CTSPC(300 mm)		10
CSP1		50
CA512/11-2	Imax.: 125 A	50
CA514/11-2	Imax.: 125 A	50
CA512/12-2	Imax.: 125 A	50
CA514/12-2	Imax.: 125 A	50
CA509/K6		100
MACKRN5		100
M5		

CSTSRN6



26 x 43 mm	
53.5 mm	
IEC	UL - CSA
1.5 - 35.0 mm²	22 - 2 AWG
1.5 - 35.0 mm²	22 - 2 AWG
16 mm	
IEC60947-7-1 CSA22.2-158	
1100 V	600 V
125 A	145 A
3.0 Nm	27 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CSTSRN6		50
CSTSREP		50
CA501		50 m
CA502		100
CA702		50
CTSPC(90 mm)		10
CTSPC(100 mm)		10
CTSPC(150 mm)		10
CTSPC(200 mm)		10
CTSPC(300 mm)		10
CSP1		50
CA512/11-2	Imax.: 125 A	50
CA514/11-2	Imax.: 125 A	50
CA512/12-2	Imax.: 125 A	50
CA514/12-2	Imax.: 125 A	50
CA509/K6		100
MACKRN6		100
M6		

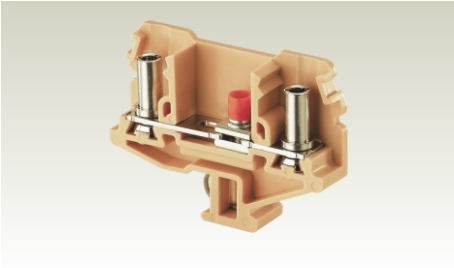
DISCONNECT & TEST TERMINAL BLOCKS

These blocks are used for measuring, control, regulatory circuits and for current transformer connection application. They provide a clear functional advantage for devices having utility instruments and associated transformers.

Circuit disconnection is achieved by opening the central slide link. The barrel nuts provide test sockets for inserting test plugs and for carrying out current and voltage injection protocols.

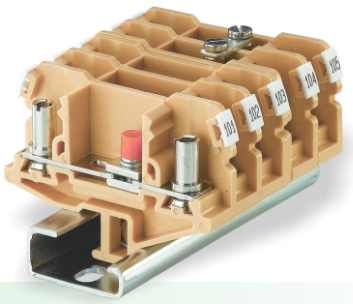
Cross connection is possible with the aid of external shorting links. CA515 & CA514 switchable link assembly can be used for current transformer shorting application in the CMDT4 & CDTTS Terminal Blocks respectively.

CMDT4

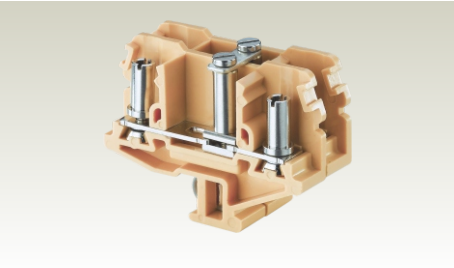


Width (Thickness) x Length		13 x 68 mm	
Height with DIN 32 x 15 mm Rail		51.7 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm²	22 - 8 AWG
	Solid with Ferrule / Lug	1.5 - 10.0 mm²	22 - 6 AWG
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	1.5 - 6.0 mm²	22 - 8 AWG
Wire Stripping Length		12 mm	
Ratings As Per		IEC60947-7-1	
Voltage		1100 V	
Current		41 A	
Torque		1.2 Nm	
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CMDT4		50
End Plate		EPCMDT4		25
Mounting Rail (Refer Pg. 184 for details)		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA502 CA702		100 50
Protective Cover for covering	2 Terminal 3 Terminal	CDTPC1 CDTPC2		100 100
Protective Cover in Length	100 mm	CDTPC3		10
	200 mm	CDTPC4		10
	300 mm	CDTPC5		10
Fork Type Shorting Links	2 pole	CA512/2-2	Imax.: 76 A	100
	3 pole	CA512/2-3	76 A	50
	4 pole	CA512/2-4	76 A	50
Insulated Fork Type Shorting Links	2 pole	CA514/2-2	Imax.: 76 A	100
	3 pole	CA514/2-3	76 A	50
	4 pole	CA514/2-4	76 A	50
Ring Type Shorting Links	2 pole	CA512/4-2	Imax.: 76 A	100
	3 pole	CA512/4-3	76 A	50
	4 pole	CA512/4-4	76 A	50
Insulated Ring Type Shorting Links	2 pole	CA514/4-2	Imax.: 76 A	100
	3 pole	CA514/4-3	76 A	50
	4 pole	CA514/4-4	76 A	50
Switchable Link Assembly		CA515		50
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4		100
Screw Driver		SCS1.0/5.5	Blade size: 1.0 x 5.5 mm	10



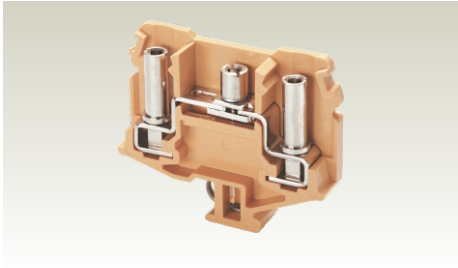
CMDT4SH



26 x 68 mm	
51.7 mm	
IEC	UL - CSA
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 8 AWG
12 mm	
IEC60947-7-1	
500 V	
32 A	
1.2 Nm	
Melamine / 1	
8 KV / 3	

Type / Cat. No.			Standard Pack
CMDT4SH			50
EPCMDT4			25
CA501			50 m
CA502			100
CA702			50
CA512/2-2	Imax.:	76 A	100
CA512/2-3		76 A	50
CA512/2-4		76 A	50
CA514/2-2	Imax.:	76 A	100
CA514/2-3		76 A	50
CA514/2-4		76 A	50
CA512/4-2	Imax.:	76 A	100
CA512/4-3		76 A	50
CA512/4-4		76 A	50
CA514/4-2	Imax.:	76 A	100
CA514/4-3		76 A	50
CA514/4-4		76 A	50
CA509/K2B4			100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm			10

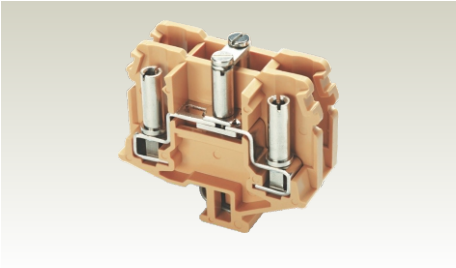
CDTTS



13 x 69 mm		
59.5 mm		
IEC		UL - CSA
1.5 - 6.0 mm²		22 - 8 AWG
1.5 - 10.0 mm²		22 - 6 AWG
1.5 - 6.0 mm²		22 - 8 AWG
12 mm		
IEC60947-7-1 CSA22.2-158		
1000 V	600 V	
41 A	50 A	
1.2 Nm	14 lb-in	
Melamine / 1		
8 KV / 3		

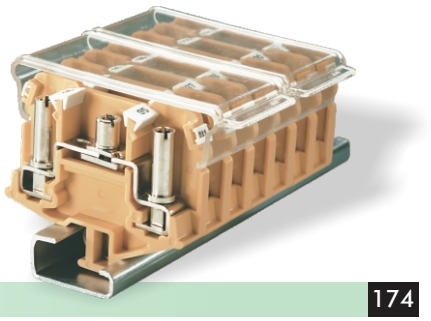
Type / Cat. No.			Standard Pack
CDTTS			50
CDTEP			25
CA501			50 m
CA502			100
CA702			50
CDTPC1			100
CDTPC2			100
CDTPC3			10
CDTPC4			10
CDTPC5			10
CA512/2-2	Imax.:	76 A	100
CA512/2-3		76 A	50
CA512/2-4		76 A	50
CA514/2-2	Imax.:	76 A	100
CA514/2-3		76 A	50
CA514/2-4		76 A	50
CA512/4-2	Imax.:	76 A	100
CA512/4-3		76 A	50
CA512/4-4		76 A	50
CA514/4-2	Imax.:	76 A	100
CA514/4-3		76 A	50
CA514/4-4		76 A	50
CA514			50
CA509/K2B4			100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm			10

CDTTS-SH



26 x 69 mm	
59.5 mm	
IEC	UL - CSA
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 8 AWG
12 mm	
IEC60947-7-1	
400 V	
32 A	
1.2 Nm	
Melamine / 1	
8 KV / 3	

Type / Cat. No.			Standard Pack
CDTTS-SH			50
CDTEP			25
CA501			50 m
CA502			100
CA702			50
CA512/2-2	Imax.:	76 A	100
CA512/2-3		76 A	50
CA512/2-4		76 A	50
CA514/2-2	Imax.:	76 A	100
CA514/2-3		76 A	50
CA514/2-4		76 A	50
CA512/4-2	Imax.:	76 A	100
CA512/4-3		76 A	50
CA512/4-4		76 A	50
CA514/4-2	Imax.:	76 A	100
CA514/4-3		76 A	50
CA514/4-4		76 A	50
CA509/K2B4			100
SCS1.0/5.5 Blade size: 1.0 x 5.5 mm			10



BUS BAR TYPE TERMINAL BLOCKS

These Terminal Blocks are preferred for applications using wires of a large cross section. The wire is crimped to a ring / fork type lug (ferrule) and is screwed on to the flat current bar on the Terminal Block. The range includes Terminal Blocks for wire sizes from 16 sq.mm to 120 sq.mm. CTS35LS Terminal Blocks have a threading in the current bar, eliminating the need of locking nuts.

Partition / Isolation Plate must be used with every Terminal Block. The Protective Cover is designed to be mounted on a specially designed slot in the Partition Plate.

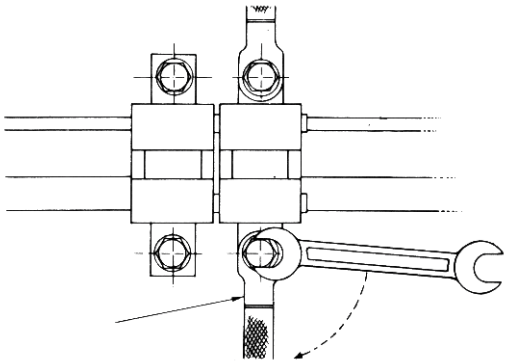
CTS35L / CTS35LS

Width (Thickness) x Length		28 x 75 mm	
Height with DIN 32 x 15 mm Rail		52.0 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible with Ferrule / Lug	16.0 - 50.0 mm^2	8 - 2 AWG
With 2 same size Conductors per clamp	Stranded / Flexible with Ferrule / Lug	16.0 - 50.0 mm^2	8 - 2 AWG
Wire Stripping Length		12 mm	
Ratings As Per		IEC60947-7-1 CSA22.2-158	
Voltage		1000 V	600 V
Current		150 A	145 A
Torque		3.0 Nm	27 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

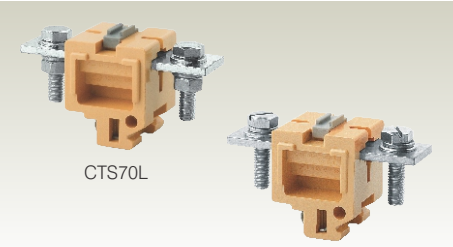
		Type / Cat. No.		Standard Pack
Terminal Block		CTS35L / CTS35LS		10
Partition / Isolation Plate (Polyamide 66)		EP4P		50
Partition / Isolation Plate (Melamine)		CTSEP4		10
Locating Support for Partition / Isolation Plate		CTSEP4LO		10
Mounting Rail (Refer Pg. 184 for details)		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA502		100
		CA702		50
		CA102		50
Shorting Links	2 pole	CA796/2	Imax.: 150 A	10
	3 pole	CA796/3	150 A	10
		Cat. No.	**Mounted on**	**Std. Pack**
Protective Cover	**Length**			
	90 mm	CTSPC3-2	EP4P	10
	210 mm	CTSPC2-1	CTSEP4	10
	100 mm	CTSPC2-2	CTSEP4	10
	190 mm			
Marking Tags (Refer Pg. 187 for details)		CA509/K2B4		100

Installation instruction:

It is recommended to provide a back support to the wire while tightening the clamping bolt to avoid deformation of the mounting rail or to prevent damage of the Terminal Block by torsional force.



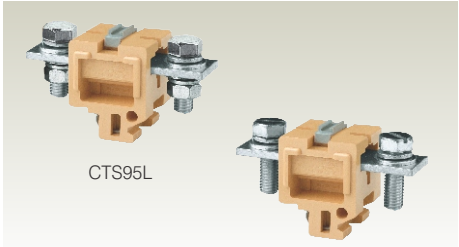
CTS70L / CTS70LS



40 x 98 mm			
52.0 mm			
IEC		UL - CSA	
35.0 - 70.0 mm²		8 - 2/0 AWG	
35.0 - 70.0 mm²		8 - 2/0 AWG	
18 mm			
IEC60947-7-1	CSA22.2-158		
1000 V	600 V		
192 A	250 A		
10.0 Nm	87 lb-in		
Melamine / 1			
8 KV / 3			

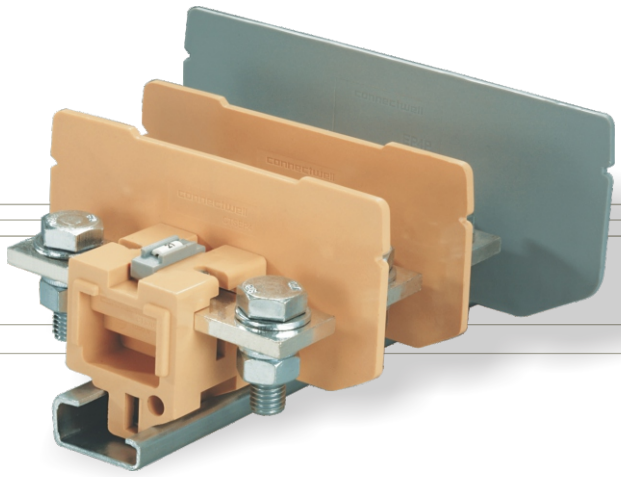
Type / Cat. No.		Standard Pack
CTS70L / CTS70LS		10
EP4P		50
CTSEP4		10
CTSEP4LO		10
CA501		50 m
CA502		100
CA702		50
CA102		50
CA797/2	Imax.: 192 A	10
CA797/3	192 A	10
Cat. No.	**Mounted on**	**Std. Pack**
CTSPC3-2	EP4P	10
CTSPC2-1	CTSEP4	10
CTSPC2-2	CTSEP4	10
CA509/K2B4		100

CTS95L / CTS95LS



40 x 130 mm			
52.0 mm			
IEC		UL - CSA	
35.0 - 95.0 mm²		8 - 4/0 AWG	
35.0 - 95.0 mm²		8 - 4/0 AWG	
20 mm			
IEC60947-7-1	CSA22.2-158		
1000 V	600 V		
232 A	300 A		
10.0 Nm	87 lb-in		
Melamine / 1			
8 KV / 3			

Type / Cat. No.		Standard Pack
CTS95L / CTS95LS		10
EP4P		50
CA501		50 m
CA502		100
CA702		50
CA102		50
CA798/2	Imax.: 232 A	10
CA798/3	232 A	10
Cat. No.	**Mounted on**	**Std. Pack**
CTSPC3-1	EP4P	10
CTSPC2-3	CTSEP4	10
CA509/K2B4		100

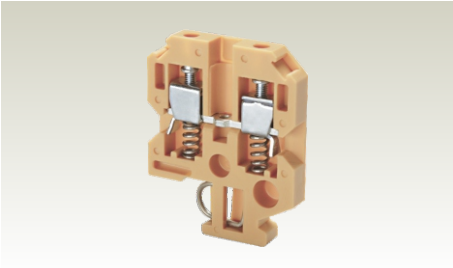


SPRING LOADED TERMINAL BLOCKS

These modified version of feed through Terminal Blocks come with safety springs. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEGB regulations and NTPC applications. In addition to the high torque screws, these blocks have a built-in spring loading feature. It is recommended to use hook type lugs for terminating wires in such connections. These Terminal Blocks have a specially designed current bar for the right location/ placement of wires with hook type lugs, thus preventing loosening of the wires even when the screw clamps are not tightened.

The housing of these Terminal Blocks is made of High Grade Melamine which has insulation properties in accordance with the CEGB regulations.

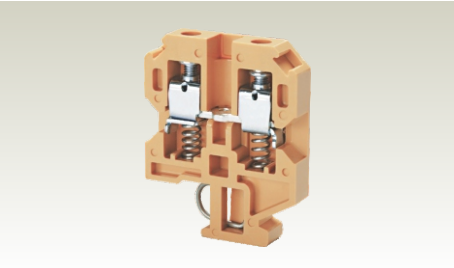
CTS4SC



Width (Thickness) x Length		6.7 x 40 mm	
Height with DIN 32 x 15 mm Rail		52.0 mm	
Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 4.0 mm^2	22 - 10 AWG
	Solid	0.2 - 6.0 mm^2	
	with Ferrule / Lug	0.2 - 4.0 mm^2	22 - 10 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 12 AWG
	with TWIN Ferrule / Lug	0.2 - 2.5 mm^2	22 - 12 AWG
Wire Stripping Length		12 mm	
Ratings As Per		IEC60947-7-1 CSA22.2-158	
Voltage		630 V	300 V
Current		32 A	35 A
Torque		0.5 Nm	7 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		8 KV / 3	

		Type / Cat. No.		Standard Pack
Terminal Block		CTS4SC		200
End Plate		CTSEP1		50
Partition Plate		CTSPP1L CTSPP1B		50 50
Mounting Rail (Refer Pg. 184 for details)		CA501		50 m
End Clamp (Refer Pg. 185 for details)		CA502 CA702		100 50
Hook Type Lugs	1.5 sq.mm	CA604/1		100
	2.5 sq.mm	CA604/2		100
	10 sq.mm			
	6 sq.mm			
Pre Assembled Shorting Links	2 pole	CA522/2	Imax.: 32 A	100
	3 pole	CA522/3	32 A	100
	4 pole	CA522/4	32 A	100
	10 pole	CA522/10	32 A	10
Insulated Pre Assembled Shorting Link	2 pole	CA622/2	Imax.: 32 A	100
	3 pole	CA622/3	32 A	100
	4 pole	CA622/4	32 A	100
	10 pole	CA622/10	32 A	10
Permanent Shorting Links	2 pole	CA503/1	Imax.: 32 A	100
	3 pole	CA504/1	32 A	100
	4 pole	CA505/1	32 A	100
	10 pole	CA510/1	32 A	100
Short Sleeve & Screw for Permanent Shorting Links		CA507/S/Q/1		100
Switchable Shorting Links		CA506/1	Imax.: 32 A	100
Long Sleeve & Screw for Switchable Shorting Links		CA707/L/Q/1		100
Marking Tags (Refer Pg. 187 for details)		CA509/K2		100
Screw Driver		SCS0.6/3.5	Blade size: 0.6 x 3.5 mm	10

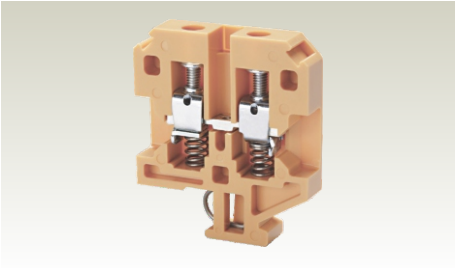
CTS6SC



8 x 40 mm	
52.0 mm	
IEC	UL - CSA
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 4.0 mm²	22 - 10 AWG
1.5 - 4.0 mm²	22 - 10 AWG
12 mm	
IEC60947-7-1	CSA22.2-158
630 V	300 V
41 A	50 A
0.8 Nm	14 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CTS6SC		200
CTSEP1		50
CTSPP1L CTSPP1B		50 50
CA501		50 m
CA502 CA702		100 50
CA604/1		100
CA604/2		100
CA604/4		100
CA723/2	Imax.: 41 A	100
CA723/3	41 A	50
CA723/4	41 A	50
CA723/10	41 A	10
CA743/2	Imax.: 41 A	100
CA743/3	41 A	50
CA743/4	41 A	50
CA743/10	41 A	10
CA703/2	Imax.: 41 A	100
CA704/2	41 A	100
CA705/2	41 A	100
CA733/10	41 A	100
CA707/S/Q/1		100
CA706/2	Imax.: 41 A	100
CA707/L/Q/1		100
CA509/K2		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CTS10SC



11 x 50 mm	
59.5 mm	
IEC	UL - CSA
1.5 - 10.0 mm²	22 - 8 AWG
1.5 - 10.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 10 AWG
12 mm	
IEC60947-7-1	CSA22.2-158
800 V	300 V
57 A	50 A
1.2 Nm	14 lb-in
Melamine / 1	
8 KV / 3	

Type / Cat. No.		Standard Pack
CTS10SC		200
CTSEP1SC		50
CTSPP1SC		50
CA501		50 m
CA502 CA702		100 50
CA604/1		100
CA604/2		100
CA604/3		100
CA604/4		100
CA526/2	Imax.: 57 A	100
CA526/3	57 A	50
CA526/4	57 A	50
CA526/10	57 A	10
CA626/2	Imax.: 57 A	100
CA626/3	57 A	50
CA626/4	57 A	50
CA626/10	57 A	10
CA503/6	Imax.: 57 A	100
CA504/6	57 A	100
CA505/6	57 A	100
CA510/6	57 A	100
CA707/S/Q/3		100
CA506/6	Imax.: 57 A	100
CA707/L/Q/3		100
CA509/K2		100
SCS0.8/4	Blade size: 0.8 x 4 mm	10

MULTIPOLE STRIP TERMINAL BLOCKS

CMST1

The CMST series Terminal Blocks can be directly mounted on panel surfaces with the help of fixing screws. They are available from a 2 upto 12 pole configuration.

CMST2 series Terminal Blocks are an ideal choice for transformers. It has a special current bar design, enabling direct soldering of transformer wires.

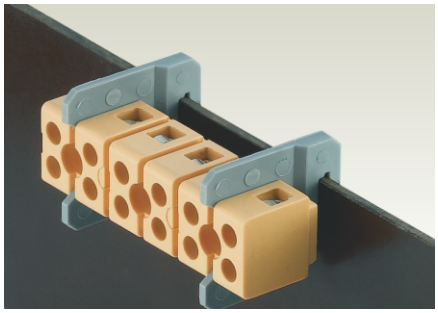
The CMST terminal strip can also be fixed on the edge of transformer plates / panels with the help of FPCMST fixing plates.

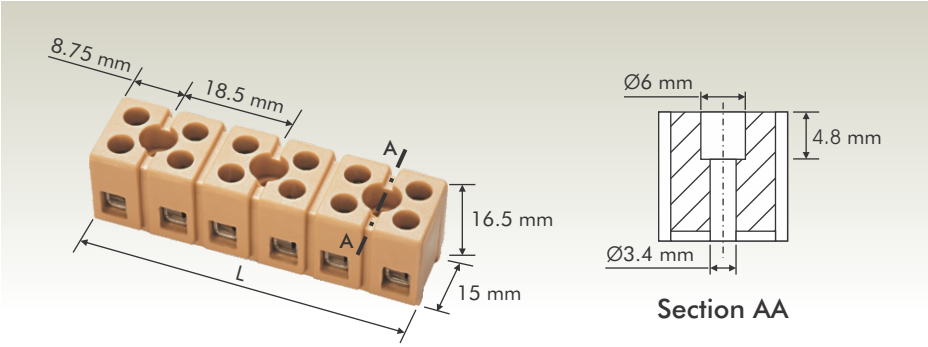
Cross connection can be achieved with the aid of insulated side shorting links.

Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 14 AWG
	Solid	0.2 - 4.0 mm^2	22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 14 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	22 - 18 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 18 AWG
Wire Stripping Length		9 mm	
Ratings As Per		IEC60947-7-1	CSA22.2-158
Voltage		400 V	300 V
Current		24 A	20 A
Torque		0.4 Nm	4.5 lb-in
Approvals			
Insulation Material / Comparative Tracking Index		Melamine / 1	
Rated Impulse Voltage / Pollution Degree		4 KV / 3	

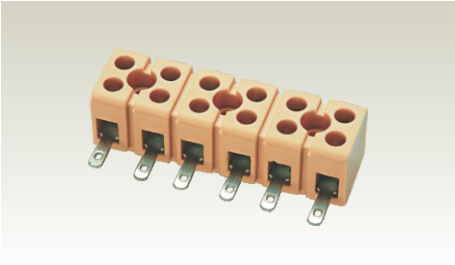
		Type / Cat. No.	Length (L) mm	Standard Pack
Terminal Block	12 pole	CMST1	110	20
	2 pole	CMST1-2	20	120
	3 pole	CMST1-3	29	80
	4 pole	CMST1-4	38	60
	5 pole	CMST1-5	47	45
	6 pole	CMST1-6	56	40
	7 pole	CMST1-7	65	30
	8 pole	CMST1-8	74	30
	9 pole	CMST1-9	83	25
	10 pole	CMST1-10	92	20
Partition Plate		CMSTPP		10
Panel Fixing Plate		FPCMST		10
Two pole Insulated Shorting Link		CA513	Imax.: 24 A	50
Marking Strip	1 2 3 4 5 6 7 8 9 10 11 12	CA509/7		10
Markers Fixing Screw with fibre washer size M3 x 18		CA502/F		20

Mounting of terminal strip with panel fixing plate FPCMST





CMST2



Connection Possibility as per		IEC	UL - CSA
With 1 Conductor per clamp	Stranded / Flexible	0.2 - 2.5 mm^2	22 - 14 AWG
	Solid	0.2 - 4.0 mm^2	22 - 10 AWG
	with Ferrule / Lug	0.2 - 2.5 mm^2	22 - 14 AWG
With 2 same size Conductors per clamp	Stranded / Flexible	0.2 - 1.5 mm^2	22 - 18 AWG
	with TWIN Ferrule / Lug	0.2 - 1.5 mm^2	22 - 18 AWG

Wire Stripping Length	9 mm			
Ratings As Per	IEC60947-7-1 CSA22.2-158			
Voltage	400 V	300 V		
Current	24 A	20 A		
Torque	0.4 Nm	4.5 lb-in		
Approvals				
Insulation Material / Comparative Tracking Index	Melamine / 1			
Rated Impulse Voltage / Pollution Degree	4 KV / 3			

		Type / Cat. No.	Length (L) mm	Standard Pack
Terminal Block	12 pole	CMST2	110	20
	2 pole	CMST2-2	20	120
	3 pole	CMST2-3	29	80
	4 pole	CMST2-4	38	60
	5 pole	CMST2-5	47	45
	6 pole	CMST2-6	56	40
	7 pole	CMST2-7	65	30
	8 pole	CMST2-8	74	30
	9 pole	CMST2-9	83	25
	10 pole	CMST2-10	92	20

Partition Plate		CMSTPP		10
Panel Fixing Plate		FPCMST		10
Two pole Insulated Shorting Link		CA513	Imax.: 24 A	50
Marking Strip	1 2 3 4 5 6 7 8 9 10 11 12	CA509/7		10
Markers Fixing Screw with fibre washer size M3 x 18		CA502/F		20

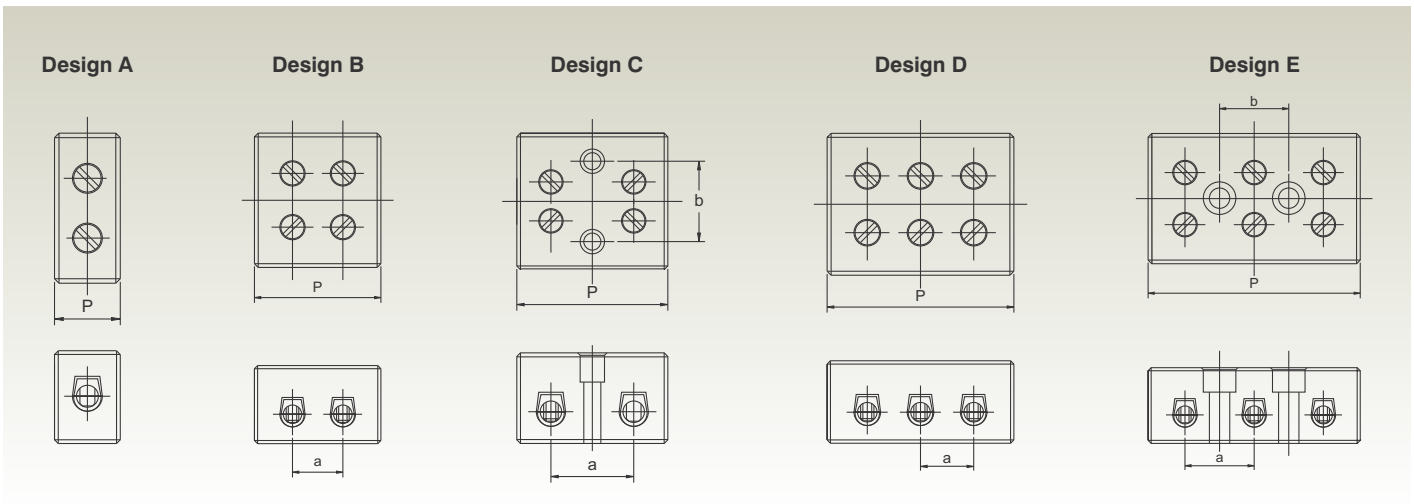
CERAMIC TERMINAL BLOCKS

These Terminal Blocks are used in extremely high temperature applications such as hot melt glue guns, furnaces, heaters, process equipment and machinery. These Ceramic Terminal Blocks have an operating temperature range of -40^0 to 650^{0}C.

CB4

Height x Width (Thickness)		25 x 19 mm		
Connection Possibility as per		IEC	UL - CSA	
With 1 Conductor per clamp	Stranded / Flexible	0.5 - 2.5 mm^2	24 - 12 AWG	
	Solid	0.5 - 4.0 mm^2	24 - 10 AWG	
	with Ferrule / Lug	0.5 - 2.5 mm^2	24 - 12 AWG	
With 2 same size Conductors per clamp	Stranded / Flexible	0.5 - 2.5 mm^2	24 - 12 AWG	
	with TWIN Ferrule / Lug	0.5 - 2.5 mm^2	24 - 12 AWG	
Wire Stripping Length		8 mm		
Ratings As Per		IEC60947-7-1	UL-1059	CSA22.2-158
Voltage		800 V	300 V	300 V
Current		24 A	20 A	30 A
Torque		0.4 Nm	6 lb-in	7 lb-in
Approvals				
Insulation Material / Comparative Tracking Index		Ceramic / 1		
Rated Impulse Voltage / Pollution Degree		4 KV / 3		

No. of Poles	Type	Type / Cat. No.		Standard Pack
1	Free Floating	CB4/1		50
2	Free Floating	CB4/2		50
2	With Mounting Hole	CB4/2H		25
3	Free Floating	CB4/3		25
3	With Mounting Hole	CB4/3H		25
Screw Driver		SCS0.5/3	Blade size: 0.5 x 3 mm	10



CB6

25 x 19 mm

IEC	UL - CSA
0.5 - 4.0 mm²	22 - 10 AWG
0.5 - 6.0 mm²	
0.5 - 4.0 mm²	22 - 10 AWG
0.5 - 2.5 mm²	22 - 12 AWG
0.5 - 2.5 mm²	22 - 12 AWG
8 mm	

IEC60947-7-1	UL-1059	CSA22.2-158	
800 V	300 V	300 V	
32 A	30 A	40 A	
0.5 Nm	6 lb-in	7 lb-in	

Ceramic / 1

4 KV / 3

Type / Cat. No.		Standard Pack
CB6/1		50
CB6/2H		25
CB6/3H		25
SCS0.8/4	Blade size: 0.8 x 4 mm	10

CB16

28 x 23 mm

IEC	UL - CSA
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 10.0 mm²	22 - 6 AWG
1.5 - 6.0 mm²	22 - 8 AWG
1.5 - 6.0 mm²	22 - 8 AWG
8 mm	

IEC60947-7-1	UL-1059	CSA22.2-158	
800 V	300 V	300 V	
57 A	65 A	76 A	
1.2 Nm	12 lb-in	14 lb-in	

Ceramic / 1

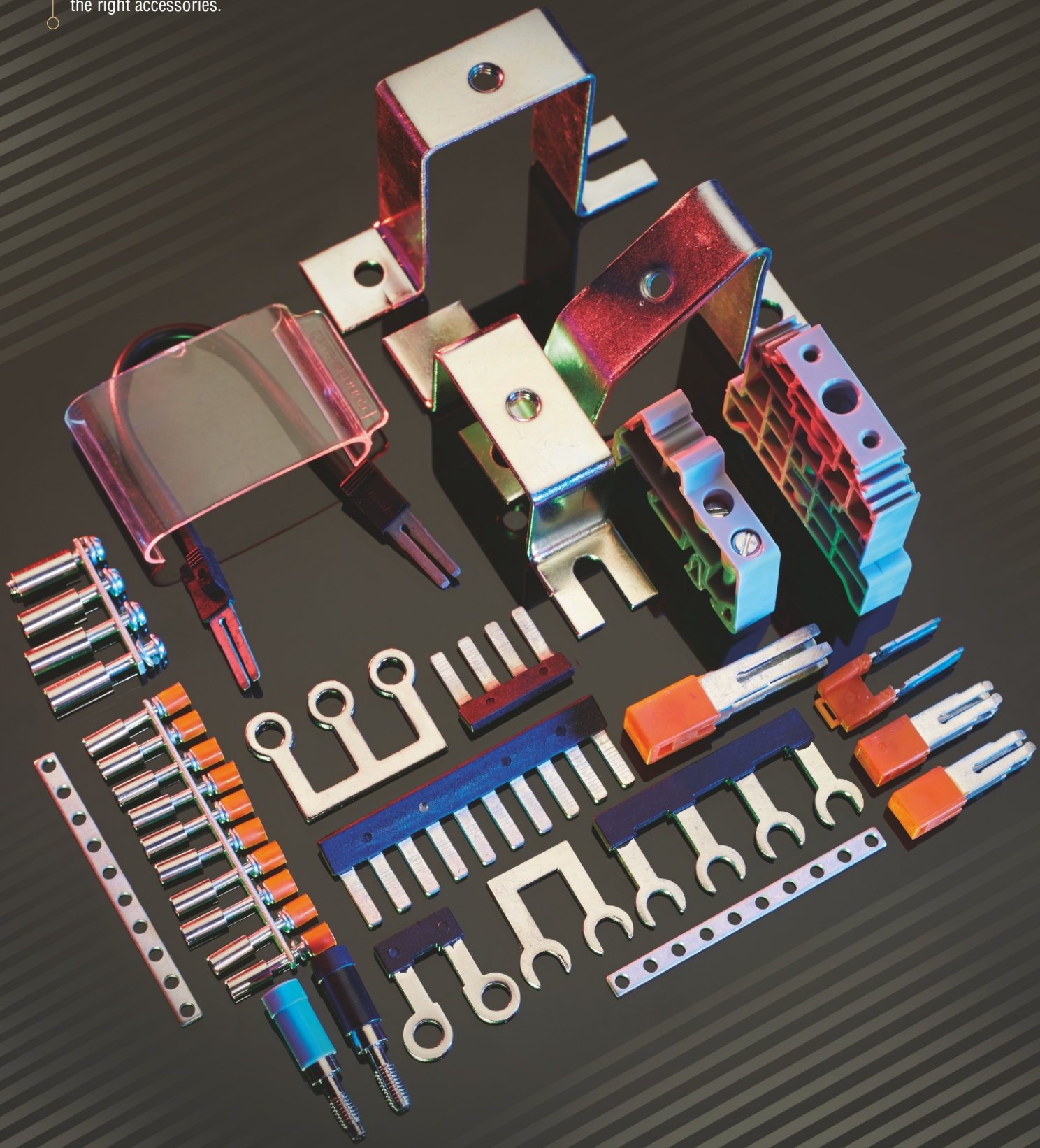
4 KV / 3

Type / Cat. No.		Standard Pack
CB16/2H		25
CB16/3H		25
SCS0.8/4	Blade size: 0.8 x 4 mm	10

Type Cat. No.	Design Type	No. of Poles	Stripping Length	P	a	b	Fixing Screw
CB4/1	A	1	6	11	-	-	-
CB4/2	B	2	6	18	7.3	-	-
CB4/2H	C	2	6	24	13	14.6	M3 x 16
CB4/3	D	3	6	25	7.3	-	-
CB4/3H	E	3	6	36	13	13	M3 x 16
CB6/1	A	1	6	12	-	-	-
CB6/2H	C	2	6	26	15	12.6	M3 x 16
CB6/3H	E	3	6	41	15	15	M3 x 16
CB16/2H	C	2	8.5	31	17	16.5	M3 x 20
CB16/3H	E	3	8.5	48	17	17	M3 x 20

ACCESSORIES

Complemented your designs and safety with the right accessories.



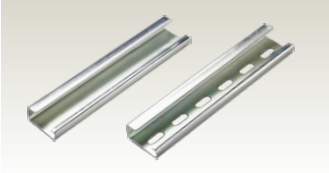
MOUNTING RAILS

Most of Connectwell's Terminal Blocks and Interface Modules are designed to be mounted on DIN Rails (Channels) that can be fixed easily on panel boards and other equipment.

Connectwell offers three types of steel mounting rails: Din 32, Din 35 and Din 15 that comply with European standards **EN 50 0035, EN 50 022** and **EN 50 045** respectively. The rails are zinc plated and chromate passivated. According to the **DIN VDE 0611 part 3,** steel mounting rails are permissible as grounding bus bars (PE function) but do not have the PEN function.

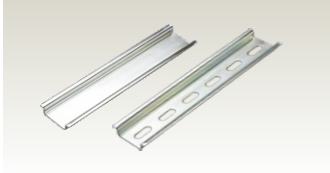
All mounting rails are available in standard 1m and 2 m lengths. Cut to length mounting rails with holes / slots as per customer requirement are also available on request.

Din 32 Rail [Din 1] (32 x 15 x 1.5 mm)



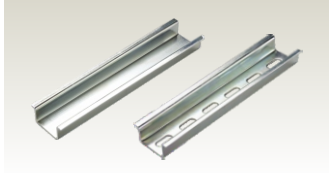
Cat. No.	Length/Type
CA501-1M	1 m, unslotted
CA501-1M-S	1 m, slotted
CA501-2M	2 m, unslotted
CA501-2M-S	2 m, slotted

Din 35 Rail [Din 3] (35 x 7.5 x 1.0 mm)



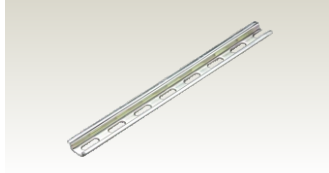
Cat. No.	Length/Type
CA701-1M	1 m, unslotted
CA701-1M-S	1 m, slotted
CA701-2M	2 m, unslotted
CA701-2M-S	2 m, slotted

Din 35-15 Rail [Din 1] (35 x 15 x 1.5 mm)



Cat. No.	Length/Type
CA701-15-1M	1 m, unslotted
CA701-15-1M-S	1 m, slotted
CA701-15-2M	2 m, unslotted
CA701-15-2M-S	2 m, slotted

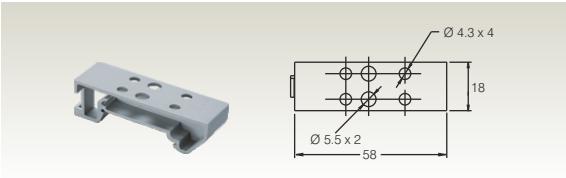
Din 15 Rail [Din 2] (15 x 5 x 1.0 mm)

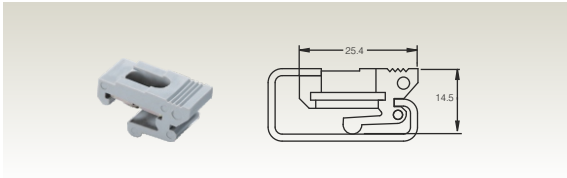


Cat. No.	Length/Type
CA601-1M	1 m, slotted

MOUNTING BASE

CMTB35 is used to assemble components on a Din Rail. The mounting base has 4 holes of Ø4.3mm and 2 holes of Ø5.5mm. CA902 can be used to fasten Din 15 Rail on to the Din 32 Rail.





Cat.No.	CMTB35	CA902
Dimension	58 x 18 x 18 mm	14.5 x 25.4 x 11.8 mm
Suitable for	Din 35 rail mounting	Din 32 Rail
Std. Pack	50	50

MOUNTING HANDLE

The Mounting Handle is used for easy and quick mounting of 10 Terminal Blocks on a Din Rail. The Terminal Blocks can be lifted from the packaging box with the help of this tool.

Cat.No.	MH2.5	MH4
Suitable for	CTS2.5UN/CTS2.5UNCR	CTS4UN/CTS4UNCR
Std. Pack	1	1

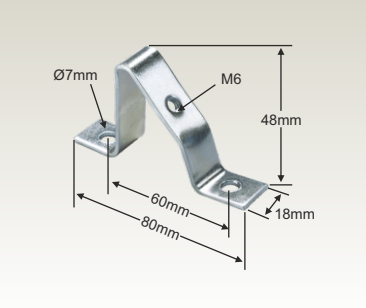
MOUNTING BRACKETS

These are used for better access and increased clearance from the surface of the panel. These brackets are zinc plated & chromate passivated.

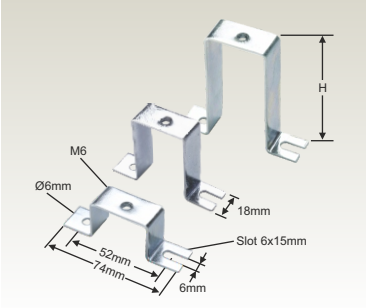
CA603 - Can be used to install mounting rails at an angle of 45° to the panel surface.

CA703 / CA803 / CA903 - Are used for fixing mounting rails at different heights.

CA603



CA703 / CA803 / CA903



Cat. No.	Std. Pack
CA603	25

Cat. No.	Height(H)	Std. Pack
CA703	25.4mm	25
CA803	50.8mm	25
CA903	76.2mm	25

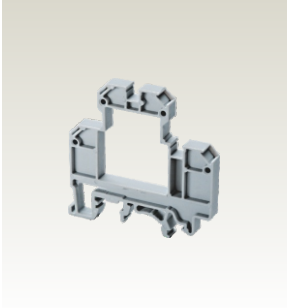
SPACER

CASP can be used to increase the creepage and clearance distance between the Terminal Blocks and to segregate the different groups of Terminal Blocks.

CDL4USP can be stacked with the **CDL4U(O)** Terminal Block to create a housing for discrete components or small electronic circuits. Similarly CDL4UNSP fits the CDL4UN Terminal Block. The stacked housing can be fitted with an end plate to create a 'touch-proof' housing.

CASP

CDL4USP / CDL4UNSP



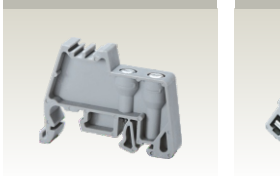
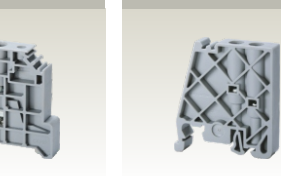
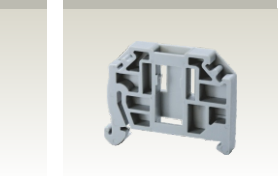
Cat. No.	Dimension
CASP	43 x 29 x 8 mm

Cat.No.	Dimension
CDL4USP	54 x 55.5 x 6 mm
CDL4UNSP	57 x 58 x 6 mm

END CLAMPS

End Clamps help to secure the entire Terminal Block assembly on the DIN Rail. End Clamps should be fixed on both sides of the Terminal Block assemblies. These End Clamps are designed to fix on DIN 32, DIN 35 and DIN 15 rails. The Polyamide series End Clamps have suitable recesses to accommodate a group marker holder and marking tags for group identification. The steel parts are Zinc plated and Chromate passivated. The **Ca102** and **CA202** are large End Clamps for heavy duty applications. **CA103** is a screwless End Clamp which can be snapped on to the Din Rail.

Cat. No.	CA302	CA402	CA502	CA602
				
Dimension	39.5 x 27 x 16 mm	39.5 x 27 x 16 mm	25 x 22.5 x 11.5 mm	20 x 28 x 8 mm
Suitable for	DIN 35 Rail	DIN 35-15 Rail	DIN 32 Rail	DIN 15 Rail
Material	Steel	Steel	Steel	Polyamide 66
Std. Pack	50	50	50	50

Cat. No.	CA702	CA802	CA202	CA102	CA103
					
Dimension	34 x 45 x 9 mm	45 x 32 x 8 mm	44.5 x 50 x 9.5 mm	46 x 50 x 9 mm	41 x 35 x 6 mm
Suitable for	DIN 32 / DIN 35 / DIN 35-15 Rails	DIN 35 / DIN 35-15 Rails	DIN 35 / DIN 35-15 Rails	DIN 32 / DIN 35 / DIN 35-15 Rails	DIN 35 / DIN 35-15 Rails
Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Std. Pack	50	50	50	50	50

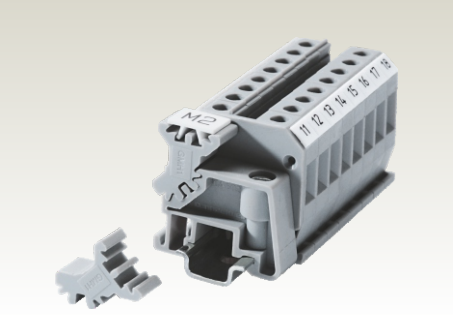
GROUP MARKER HOLDER

Two variants of Group Marker Holders are available for identification of Terminal Block assemblies:

GMH1, GMH2, GMH3, GMH4, GMH5 and GMH8 are to be mounted in the grooves of End Clamps.
CA509/G1 marking tag can be used with these marker holders or can be directly mounted on the end clamp.

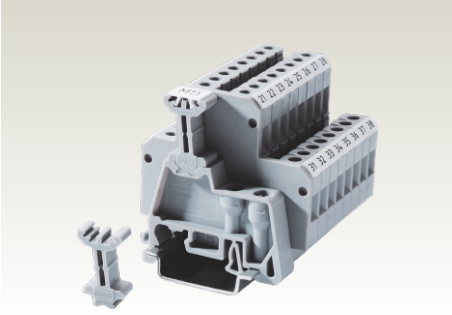
GMH6 & GMH7 can be mounted directly on Din Rails. A sticker / paper needs to be inserted in the slot which is covered by a transparent plastic sheet.

GMH1



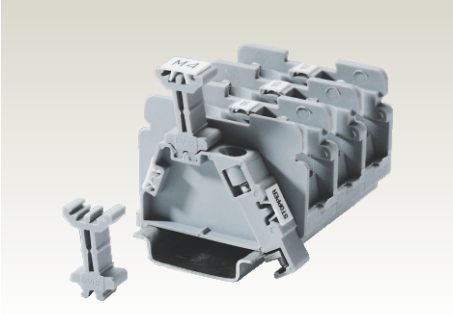
Mountable on CA602

GMH2



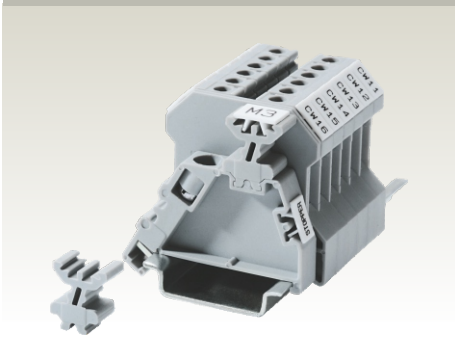
Mountable on CA702

GMH3



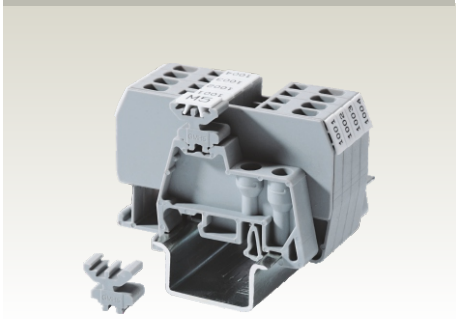
Mountable on CA802

GMH4



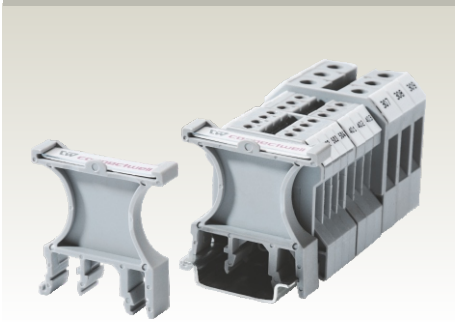
Mountable on CA802

GMH5



Mountable on CA702

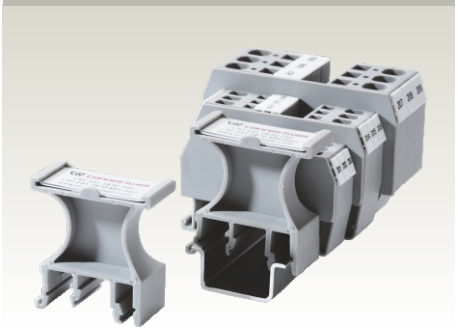
GMH6



46.5(H) x 44.5(W) x 9.5(T) mm

Mountable on All Mounting Rails

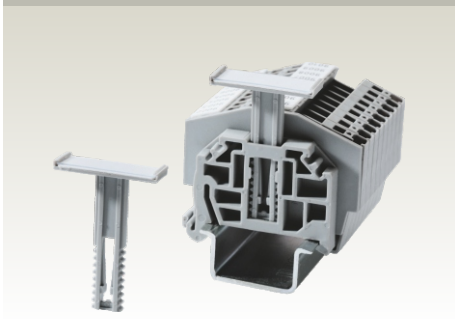
GMH7



46.5(H) x 44.5(W) x 19.5(T) mm

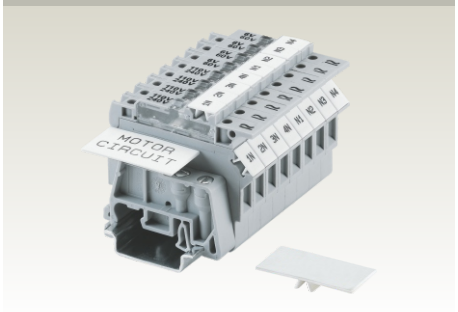
Mountable on All Mounting Rails

GMH8



Mountable on CA103

CA509/G1



Cat. No.	Std. Pack Tags	Dimensions H	W
CA509/G1	100	35	17.8

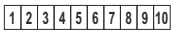
Mountable on all End Clamps

MARKING TAGS

'K' Series Marking Tags

The quick to fix 'K' series Marking Tags facilitate identification of Electrical circuits in a Terminal Block assembly. This in turn makes the maintenance of individual components quicker and hassle free. The tags come with a large surface area providing better visibility. All 'K' series tags are available as strips in which an individual marker can be easily separated. CA509/K6F and CA509/K9F marking tags are continuous strips of 60 mm and 90 mm length respectively. The Marking Tags are available in both printed and blank versions. The printing can be horizontal or vertical in 2 or 3 digits, alphabets or symbols or a combination of these depending on user's requirement.

For ordering pre-printed marking tags, the following pattern should be followed:

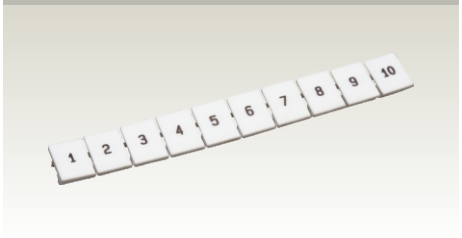
For a strip of marking tags for CTS2.5UN Terminal Blocks marked horizontally from 1 to 10: CA509/K5/H/1-10 

For a strip of marking tags for CTS4UN Terminal Blocks marked vertically with alphabet A: CA509/K6/V/A 

Blank Marking Tags

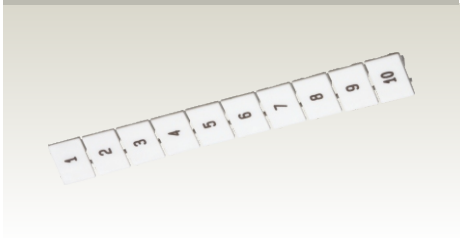
Cat. No.	Std. Pack Packet	Strips	Tags	Dimensions H	W
CA509/K2WHT	1	10	100	4.9	5.8
CA509/K3WHT	1	20	100	5.0	10.0
CA509/K4WHT	1	10	100	5.0	4.8
CA509/K5WHT	1	10	100	9.5	4.5
CA509/K6WHT	1	10	100	9.5	5.6
CA509/K6FWHT	1	10	10	9.5	60
CA509/K7.5WHT	1	10	100	5.3	7.5
CA509/K8WHT	1	10	100	10.5	7.5
CA509/K9WHT	1	10	100	10.3	8.7
CA509/K9FWHT	1	10	10	10.3	90.0
CA509/K10WHT	1	20	100	10.4	9.5
CA509/K12WHT	1	20	100	10.4	11.4
CA509/K16WHT	1	20	100	10.5	15.4
CA509/K2GWHT	1	10	100	5.0	5.0
CA509/K2B4WHT	1	10	100	5.8	9.1

Tags with Horizontal Print



Cat. No.	Std. Pack Packet	Strips	Tags	Dimensions H	W
CA509/K2/H	1	10	100	4.9	5.8
CA509/K3/H	1	20	100	5.0	10.0
CA509/K4/H	1	10	100	5.0	4.8
CA509/K5/H	1	10	100	9.5	4.5
CA509/K6/H	1	10	100	9.5	5.6
CA509/K6F/H	1	10	10	9.5	60
CA509/K7.5/H	1	10	100	5.3	7.5
CA509/K8/H	1	10	100	10.5	7.5
CA509/K9/H	1	10	100	10.3	8.7
CA509/K9F/H	1	10	10	10.3	90.0
CA509/K10/H	1	20	100	10.4	9.5
CA509/K12/H	1	20	100	10.4	11.4
CA509/K16/H	1	20	100	10.5	15.4
CA509/K2G/H	1	10	100	5.0	5.0
CA509/K2B4/H	1	10	100	5.8	9.1

Tags with Vertical Print



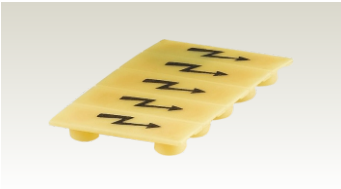
Cat. No.	Std. Pack Packet	Strips	Tags	Dimensions H	W
CA509/K2/V	1	10	100	4.9	5.8
CA509/K3/V	1	20	100	5.0	10.0
CA509/K4/V	1	10	100	5.0	4.8
CA509/K5/V	1	10	100	9.5	4.5
CA509/K6/V	1	10	100	9.5	5.6
CA509/K6F/V	1	10	10	9.5	60
CA509/K7.5/V	1	10	100	5.3	7.5
CA509/K8/V	1	10	100	10.5	7.5
CA509/K9/V	1	10	100	10.3	8.7
CA509/K9F/V	1	10	10	10.3	90.0
CA509/K10/V	1	20	100	10.4	9.5
CA509/K12/V	1	20	100	10.4	11.4
CA509/K16/V	1	20	100	10.5	15.4
CA509/K2G/V	1	10	100	5.0	5.0
CA509/K2B4/V	1	10	100	5.8	9.1

Warning Label

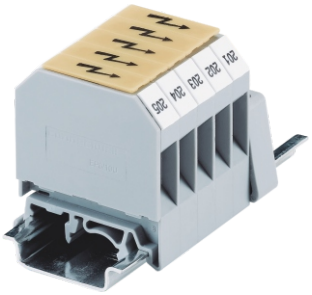
Warning label that can be mounted on top of the Terminal Block for giving visual identification, it also makes an entire DIN Rail Terminal Block assembly completely shock proof.

Cat. No.	SWL10
Std. Pack Tags	50
Dimensions - H x W	48.3 x 10.5 mm
Suitable for	CSC10T CSCG10T

Cat. No.	SWL16
Std. Pack Tags	50
Dimensions - H x W	59 x 10.5 mm
Suitable for	CSC16T CSCG16T



Cat. No.	SWL6
Std. Pack Tags	50
Dimensions - H x W	27 x 39.5 mm
Suitable for	CTS6U, CMDB6, CDB6



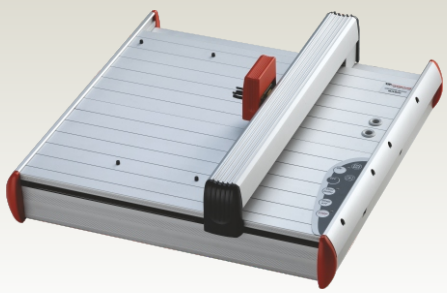
MARKER PLOTTER SYSTEM

CMPS500BASIC

The CMPS500BASIC unit is an A4 size auxiliary plotter and has to be connected to a computer via a USB connection. It is a high speed plotting device and enables plotting of different markers in one setting. The marker fixture and the plotter pen have to be inserted before commencing the plotting operation. The base unit is primarily controlled through a computer with the help of CMPS software.

Dimensions of the CMPS500BASIC are 440 x 440 x 125 mm.

CMPS500 BASIC



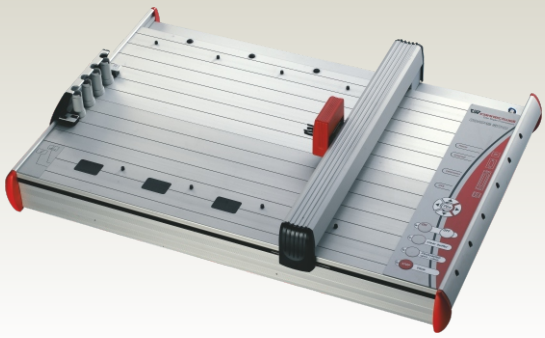
Description	Cat. No.
CMPS500BASIC, A4 Size Plotter Unit (includes cable, power adapter & software)	PL-34130009

CMPS500

The CMPS500 base unit is an A3 size auxiliary plotter and has to be connected to a computer via a parallel port or USB connection. It is a high speed plotting device and enables plotting of different markers in one setting. The marker fixture and the plotter pen have to be inserted before commencing the plotting operation. The base unit is primarily controlled through a computer with the help of CMPS software.

Dimensions of the CMPS500 are 660 x 440 x 125 mm.

CMPS500



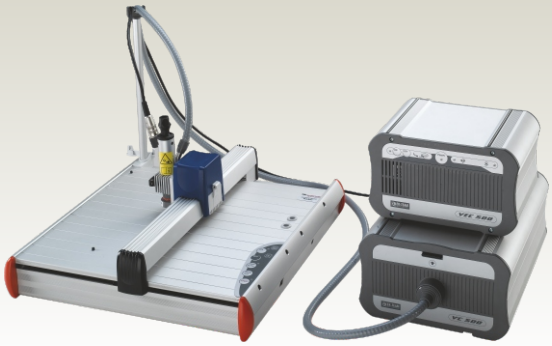
Description	Cat. No.
CMPS500, A3 Size Plotter Unit (includes cable, power adapter & software)	PL-34130012

VE500

The engraving unit was specifically designed to be used with the CMPS500BASIC and CMPS500 plotter systems. Changing back and forth between the pen-plotter and the engraver is easy. The engraver is meant to engrave signs on plastic, alluminium and other soft metals. Legend plates, push button inlays and other signage etc. can easily be produced with the VE500 engraving system.

The engraver also uses the standard CMPS software.

ENGRAVING SYSTEM (VE500)



Description	Cat. No.
VE500 ENGRAVER UNIT (CMPS500BASIC or CMPS500 REQUIRED)	PL-34000040

MARKER PLOTTER & ENGRAVER ACCESSORIES

DISPOSABLE PENS

These tubular nib pens are suitable for the CMPS500BASIC and CMPS500 plotters. The disposable pens use a special ink to deliver outstanding durability and print quality with the convenience of a use and throw system. This eliminates the need for messy ink refilling and pen cleaning operation. The ink is fast drying, smudge proof, fade resistant and resistant to chemicals when used on the 'K' series Connectwell marking tags. They are available in 6 sizes differentiated by their body colour.

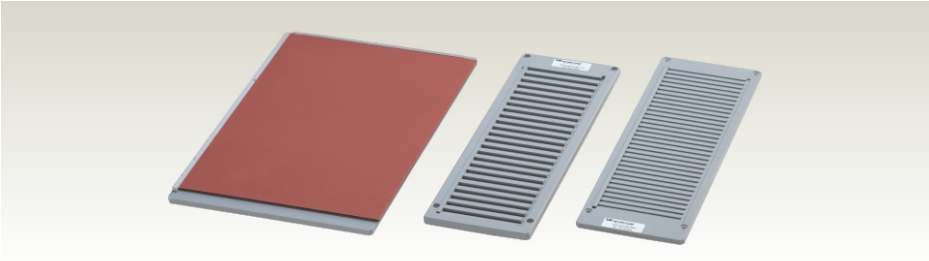
Tip Width	Cat. No.
0.18 mm	PL-35003118
0.25 mm	PL-35003125
0.35 mm	PL-35003135
0.50 mm	PL-35003150
0.70 mm	PL-35003170
1.00 mm	PL-35003200

FIXTURES

Fixtures are required for alignment of markers with respect to the plotter pen. Different marker fixtures can be mounted on the plotter bed of the CMPS500BASIC and CMPS500 plotters at the same time thereby reducing its set up time.

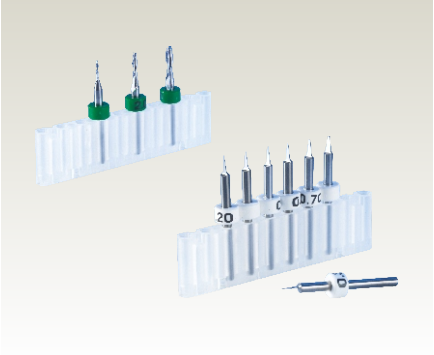
The CMPS500BASIC plotter bed can accept:
2 of the K5 fixtures or
2 of the K2 fixtures or
1 each of the above fixtures or
1 of the K5 triple fixture.

The CMPS500 plotter bed can accept:
4 of the K5 fixtures or
4 of the K2 fixtures or
a combination of the above two fixtures.



Description	For Marking Tag	Holding Capacity	Cat. No.
K5 Fixture	CA509/K5, K6, K8, K10, K12, K16	24 Strips	PL-34902001
K2 Fixture	CA509/K2, K3, K4, K20, K25, K2B4	24 Strips	PL-34902081
K5 Triple Fixture	CA509/K5, K6, K8, K10, K12, K16	72 Strips	PL-34130015
K9 Fixture	CA509/K9	24 Strips	PL-34902057
K2G Fixture	CA509/K2G	25 Strips	PL-34130010
Engraving Support Plate			PL-34902106

ENGRAVING NEEDLES



Engraving needles are selected depending on the media being engraved. For alluminium and other soft metal media, the double tooth cutter in various tip widths can be selected. For plastic media, engraving needles with a 15° angle needs to be used. Other engraving needle options are available on request.

Description	Tip Width	Cat. No.
Double Tooth Cutter for Plastic and Alluminium	0.50 mm	PL-35010030
Double Tooth Cutter for Plastic and Alluminium	0.60 mm	PL-35010031
Double Tooth Cutter for Plastic and Alluminium	0.80 mm	PL-35010032
Double Tooth Cutter for Plastic and Alluminium	1.00 mm	PL-35010033
Double Tooth Cutter for Plastic and Alluminium	1.20 mm	PL-35010034
Double Tooth Cutter for Plastic and Alluminium	1.40 mm	PL-35010035
Double Tooth Cutter for Plastic and Alluminium	1.60 mm	PL-35010036
Double Tooth Cutter for Plastic and Alluminium	2.00 mm	PL-35010037
Double Tooth Cutter for Plastic and Alluminium	2.40 mm	PL-35010038
Double Tooth Cutter for Plastic and Alluminium	3.00 mm	PL-35010039
Engraving Needle 15° for Plastic	0.20 mm	PL-35010003
Engraving Needle 15° for Plastic	0.30 mm	PL-35010002
Engraving Needle 15° for Plastic	0.40 mm	PL-35010001
Engraving Needle 15° for Plastic	0.50 mm	PL-35010000
Engraving Needle 15° for Plastic	0.70 mm	PL-35010004
Engraving Needle 15° for Plastic	1.00 mm	PL-35010005
Engraving Needle 15° for Plastic Set (0.20 - 1.00 mm)	-	PL-35010006

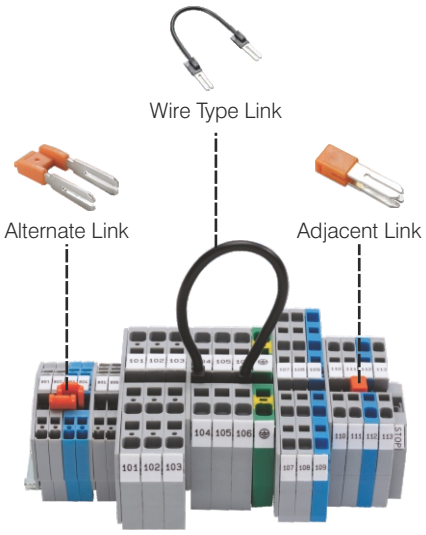
SPRING CLAMP TERMINAL BLOCK SHORTING LINKS

Shorting Links for Spring Clamp Terminal Blocks

Adjacent / Alternate / Wire type links are available for cross connection in Spring Clamp Terminal Blocks. The links need to be inserted (Push-in) into the rectangular slots provided in the current bar of the Terminal Block.

Chain Bridging can be achieved by using Adjacent shorting links.

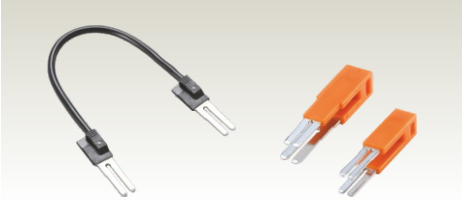
Wire type shorting links provide flexibility for inter-connection in an assembled block of spring clamp terminals.

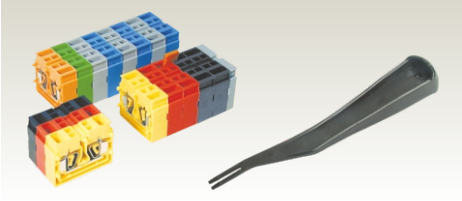


Terminal Block	Adjacent Shorting Link Cat. No.	Adjacent Shorting Link Std. Pack.	Alternate Shorting Link Cat. No.	Alternate Shorting Link Std. Pack.	Wire Type Shorting Link Cat. No.	Wire Type Shorting Link Std. Pack.
CSC2.5T Series	CA801/1	100	CA801/1-3	100	CA901/1	100
CSC4T Series	CA801/2	100	CA801/2-3	100	CA901/2	100
CSC6T Series	CA801/3	100	CA801/3-3	100	CA901/3	100
CSC10T Series	CA801/4	100				
CSC16T Series	CA801/5	100				
CSCP2.5T Series	CA803/1	100				
ADL2.5 Series	CA801/1	100	CA801/1-3	100	CA901/1	100
ASF4 Series	CA801/7	100				
AS2.5 Series	CA801/1	100	CA801/1-3	100	CA901/1	100
AS4 Series	CA801/2	100	CA801/2-3	100	CA901/2	100
AS6 Series	CA801/3	100	CA801/3-3	100	CA901/3	100
CX2.5 Series	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/10	100 50 50 10				
CX4 Series	JX4/2 JX4/3 JX4/4 JX4/10	100 50 50 10				
CX6 Series	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10				
ATL Series	CA801/A2 CA801/A3 CA801/A4 CA801/A10	100 100 100 10				

Step Down Shorting Links

These Links help in shorting Spring Clamp Terminal Blocks of different sizes. CA801/8 and CA801/9 are used for shorting adjacent Terminal Blocks of different series. Refer page 108 for detail application.





Spring Clamp Actuator Tool

The shorting link of CSCP2.5T / CSCP2.5T2 can be easily inserted by using the Spring Clamp Actuator tool.

Type / Cat. No.	Shorting Link for	Std. Pack
CA901/4	CSC6T Series to CSC4T Series AS6 Series to AS4 Series	100
CA901/5	CSC6T Series to CSC2.5T Series AS6 Series to AS2.5 Series	100
CA901/6	CSC4T Series to CSC2.5T Series AS4 Series to AS2.5 Series	100
CA801/8	CSC6T Series to CSC2.5T Series AS6 Series to AS2.5 Series	100
CA801/9	CSC10T Series to CSC2.5T Series	100

Type / Cat. No.	Std. Pack
SCA2.5	1

SCREW CLAMP TERMINAL BLOCK SHORTING LINKS

Pre Assembled Shorting Link

Insulated Pre Assembled Shorting Link

Shorting / Bridging System for Polyamide Screw Clamp Terminal Blocks

The shorting systems bridge potentials between terminal blocks, reducing wiring time. Adjacent blocks or selective terminal blocks within an assembly can be easily interconnected, leaving terminal clamps free for wiring. Preassembled shorting links, which are ready for installation, are used for quick shorting or individual components can be selected to create custom or extra long shorting links. The current carrying capacity of shorting systems is lower than the rated current of the respective Terminal Blocks, therefore applied current must not exceed the maximum current value (IEC/EN) of the Terminal Block.

Preassembled Internal shorting link assemblies

Internal shorting link Assemblies consist of a Current Bar, Shorting Sleeves and screws. They install easily into the center of the terminal block and connect to the current bar. They are available as standard 2, 3, 4, 10 or 100 pole assemblies and are ready for immediate installation. Insulated preassembled internal shorting link assemblies provide shock protection when installed on Terminal Blocks.

Insulated External Shorting Links

External shorting links bridge potentials between terminal blocks, reducing wiring time. Adjacent or selected blocks within an assembly can be easily interconnected. Individual links may be removed for selective shorting. These are insulated and available in 2, 3, 4 and 10 pole versions. They are made of tin plated brass/copper. Insulated External Link must be tightened to the recommended torque specified to get a reliable connection.

Permanent Shorting Links

Shorting Links are used to create custom shorting assemblies for increased number of poles. The current bar with the required number of poles can be selected, or can be cut in the field to the required length. They are made of tin or nickel plated copper or brass.

Shorting Sleeves & Screws

Shorting Sleeves & Screws ensure reliable and mechanically safe electrical connections between shorting links and the Terminal Block current bars. One shorting sleeve is required for each shorted Terminal Block. They are made of nickel plated brass. Shorting Sleeve and Screws are supplied with spring washer. The shorting screws must be tightened to the recommended torque specified to get a reliable connection.

Terminal Series	Poles	Cat. No.	Torque	Std. Pack	Cat. No.	Torque	Std. Pack
CTS2.5UN	2	CA721/2	0.4 Nm	100	CA741/2	0.4 Nm	100
	3	CA721/3		100	CA741/3		100
	4	CA721/4		100	CA741/4		100
	10	CA721/10		10	CA741/10		10
	100[2]	CA721/100		10	CA741/100		10
CTS4UN CMC1-2 CMC2-2 CKT4U[1], 4U/4 CDL4UN CDL4UN(I.S)	2	CA722/2	0.4 Nm	100	CA742/2	0.4 Nm	100
	3	CA722/3		100	CA742/3		100
	4	CA722/4		100	CA742/4		100
	10	CA722/10		10	CA742/10		10
	100[2]	CA722/100		10	CA742/100		10
	10(breakable)						
CTS6U CDTTU[1] CDTTU-SH[1] CSDL6U[1] CSFL6U[1]	2	CA723/2	0.5 Nm	100	CA743/2	0.5 Nm	100
	3	CA723/3		50	CA743/3		50
	4	CA723/4		50	CA743/4		50
	10	CA723/10		10	CA743/10		10
CTS10U	2	CA724/2	0.5 Nm	100	CA744/2	0.5 Nm	100
	3	CA724/3		50	CA744/3		50
	4	CA724/4		50	CA744/4		50
	10	CA724/10		10	CA744/10		10
CTS16U	2	CA751/2	0.8 Nm	50	CA761/2	0.8 Nm	50
	3	CA751/3		50	CA761/3		50
	4	CA751/4		50	CA761/4		50
	10	CA751/10		10	CA761/10		10
CTS25UN	2	CA725/2	0.8 Nm	50	CA745/2	0.8 Nm	50
	3	CA725/3		20	CA745/3		20
	4	CA725/4		20	CA745/4		20
	10	CA725/10		10	CA745/10		10
CTS35UN	2	CA771/2	0.8 Nm	50	CA781/2	0.8 Nm	50
	3	CA771/3		20	CA781/3		20
	4	CA771/4		20	CA781/4		20
	10	CA771/10		10	CA781/10		10
CMT4 CMB4 CDL4U CDL4U(I.S) ODL4U	2	CA727/2	0.4 Nm	100	CA747/2	0.4 Nm	100
	3	CA727/3		100	CA747/3		100
	4	CA727/4		100	CA747/4		100
	10	CA727/10		10	CA747/10		10
	100[2]						
	10(breakable)						
CSDL4U[1] DDFL4U / 4U(E) DDDL4U	2	CA729/2	0.5 Nm	100	CA749/2	0.5 Nm	100
	3	CA729/3		50	CA749/3		50
	4	CA729/4		50	CA749/4		50
	10	CA729/10		10	CA749/10		10
CSFL4U[1] CSFL4U(L)[1] CF4U[1] / CF4U(L)[1]	2						
	3						
	4						
	10						
CAFL4U[1] CAFL4U(L)[1]	2						
	3						
	4						
	10						
CTL2.5U CTL2.5UH CTL2.5UL CTL2.5UHL CTL2.5U(I.S)	2	CA722/2	0.4 Nm	100			
	3	CA722/3		50			
	4	CA722/4		50			
	10	CA722/10		10			
	100[2]	CA722/100		10			
	10(breakable)						

1 Internal shorting system not available.
2 100 pole strip can be broken down to any number of poles desired.

Insulated External Shorting Links

Cat. No.	Torque	Std. Pack
CA717/2	0.4 Nm	100
CA717/3		100
CA717/4		100
CA717/10		20
CA713/2	0.5 Nm	100
CA713/3		100
CA713/4		100
CA713/10		20
CA710/2	0.8 Nm	100
CA710/3		50
CA710/4		50
CA710/10		20
CA718/2	0.8 Nm	100
CA718/3		50
CA718/4		50
CA718/10		20
CA714/2	0.5 Nm	100
CA714/3		100
CA714/4		100
CA714/10		20
CA711/2	0.8 Nm	100
CA711/3		50
CA711/4		50
CA711/10		20
CA716/2	0.8 Nm	50
CA716/3		50
CA716/4		50
CA716/10		20
CA715/2	0.4 Nm	100
CA715/3		100
CA715/4		100
CA715/10		20

Permanent Shorting Link

Cat. No.	Std. Pack
CA703/01	100
CA704/01	100
CA705/01	100
CA731/10	100
CA731/100	10
CA703/1	100
CA704/1	100
CA705/1	100
CA732/10	100
CA732/100	10
CA732/10-A	100
CA703/2	100
CA704/2	100
CA705/2	100
CA733/10	100
CA703/3	100
CA704/3	100
CA705/3	100
CA734/10	100
CA703/8	100
CA704/8	100
CA705/8	100
CA739/10	100
CA703/4	100
CA704/4	100
CA705/4	100
CA735/10	100
CA703/10	100
CA704/10	100
CA705/10	100
CA770/10	100
CA703/1	100
CA704/1	100
CA705/1	100
CA732/10	100
CA732/100	10
CA731/10-A	100
CA703/6	100
CA704/6	100
CA705/6	100
CA737/10	100
CA703/1	100
CA704/1	100
CA705/1	100
CA732/10	100
CA732/100	10
CA732/10-A	100

Shorting Sleeves & Screws

Cat. No.	Torque	Std. Pack
CA707/S/Q/01	0.4 Nm	100
CA707/S/Q/01	0.4 Nm	100
CA707/S/Q/1	0.5 Nm	100
CA707/S/Q/1	0.5 Nm	100
CA707/S/Q/1	0.8 Nm	100
CA707/S/Q/2	0.8 Nm	100
CA707/S/Q/2	0.8 Nm	100
CA607/S/Q	0.4 Nm	100
CA707/S/Q/3	0.5 Nm	100
CA707/S/Q/01	0.4 Nm	100

SCREW CLAMP TERMINAL BLOCK SHORTING LINKS

Shorting / Bridging System for Polyamide Screw Clamp Terminal Blocks

The shorting systems bridge potentials between terminal blocks, reducing wiring time. Adjacent blocks or selective terminal blocks within an assembly can be easily interconnected, leaving terminal clamps free for wiring. Preassembled shorting links, which are ready for installation, are used for quick shorting or individual components can be selected to create custom or extra long shorting links. The current carrying capacity of shorting systems is lower than the rated current of the respective Terminal Blocks, therefore applied current must not exceed the maximum current value (IEC/EN) of the Terminal Block.

Preassembled Internal shorting link assemblies

Internal shorting link Assemblies consist of a Current Bar, Shorting Sleeves and screws. They install easily into the center of the terminal block and connect to the current bar. They are available as standard 2, 3, 4, 10 or 100 pole assemblies and are ready for immediate installation. Insulated preassembled internal shorting link assemblies provide shock protection when installed on Terminal Blocks.

Insulated External Shorting Links

External shorting links bridge potentials between terminal blocks, reducing wiring time. Adjacent or selected blocks within an assembly can be easily interconnected. Individual links may be removed for selective shorting. These are insulated and available in 2, 3, 4 and 10 pole versions. They are made of tin plated brass/copper. Insulated External Link must be tightened to the recommended torque specified to get a reliable connection.

Permanent Shorting Links

Shorting Links are used to create custom shorting assemblies for increased number of poles. The current bar with the required number of poles can be selected, or can be cut in the field to the required length. They are made of tin or nickel plated copper or brass.

Shorting Sleeves & Screws

Shorting Sleeves & Screws ensure reliable and mechanically safe electrical connections between shorting links and the Terminal Block current bars. One shorting sleeve is required for each shorted Terminal Block. They are made of nickel plated brass. Shorting Sleeve and Screws are supplied with spring washer. The shorting screws must be tightened to the recommended torque specified to get a reliable connection.

Pre Assembled Shorting Link

Insulated Pre Assembled Shorting Link

Terminal Series	Poles	Cat. No.	Torque	Std. Pack	Cat. No.	Torque	Std. Pack
CTS4USC CHV4U	2	CA623/2	0.4 Nm	100	CA643/2	0.4 Nm	100
	3	CA623/3		100	CA643/3		100
	4	CA623/4		100	CA643/4		100
	10	CA623/10		10	CA643/10		10
CTS6USC CHV6U	2	CA624/2	0.5 Nm	100	CA644/2	0.5 Nm	100
	3	CA624/3		50	CA644/3		50
	4	CA624/4		50	CA644/4		50
	10	CA624/10		10	CA644/10		10
CTS10USC CHV10U	2	CA625/2	0.5 Nm	100	CA645/2	0.5 Nm	100
	3	CA625/3		50	CA645/3		50
	4	CA625/4		50	CA645/4		50
	10	CA625/10		10	CA645/10		10
CDGL2.5 CTGL2.5	2	CA627/2	0.4 Nm	100			
	3	CA627/3		100			
	4	CA627/4		100			
	10	CA627/10		10			
PTB35/50 PTB35/50SH (Bolt type Shorting System)	2						
	3						
	4						
PTB70/95 PTB70/95SH (Bolt type Shorting System)	2						
	3						
	4						
CTS50/70N CTS50/70NA	2						
	3						
CTS95/120N	2						
	3						
CSB3U/N3U CSB3/N3UL CSB3U	2	CA728/2	0.4 Nm	100			
	3	CA728/3		100			
	4	CA728/4		100			
	10	CA728/10		10			
CBS4U CSB4/N4U CBS5U CSB5/N5U	2	CA772/2	0.4 Nm	100			
	3	CA772/3		100			
	4	CA772/4		100			
	10	CA772/10		10			
STH3	2	CA773/2	0.4 Nm	100			
	3	CA773/3		100			
	4	CA773/4		100			
	10	CA773/10		10			
STH3	2	CA774/2	0.4 Nm	100			
	3	CA774/3		100			
	4	CA774/4		100			

Insulated External Shorting Links

Cat. No.	Torque	Std. Pack
CA715/2	0.4 Nm	100
CA715/3		100
CA715/4		100
CA715/10		20

Permanent Shorting Link

Cat. No.	Torque	Std. Pack
CA703/1		100
CA704/1		100
CA705/1		100
CA732/10		100
CA703/9	3.0 Nm	10
CA704/9		10
CA705/9		10
CA703/11	6.0 Nm	10
CA704/11		10
CA705/11		10
CA628/2	3.0 Nm	10
CA628/3		10
CA629/2	6.0 Nm	10
CA629/3		10

Shorting Sleeves & Screws

Cat. No.	Torque	Std. Pack
CA611/S/Q	0.4 Nm	100

MELAMINE TERMINAL BLOCK SHORTING LINKS

Preassembled Internal shorting link assemblies

Internal shorting link Assemblies consist of a Current Bar, Shorting Sleeves and screws. They install easily into the center of the Terminal Block and connect to the current bar. They are available as standard 2, 3, 4, 10 or 100 pole assemblies and are ready for immediate installation. Preassembled Insulated internal shorting link assemblies provide shock protection when installed on Terminal Blocks.

Permanent Shorting Links

These are used to create custom shorting assemblies for increased number of poles. The current bar with the required number of poles can be selected, or can be cut in the field to the required length. They are made of tin or nickel plated copper or brass.

Shorting Sleeves & Screws

Shorting Sleeves & Screws ensure reliable and mechanically safe electrical connections between shorting link and the Terminal Block current bars. One shorting sleeve is required for each shorted Terminal Block. They are made of nickel plated brass.

Switchable Shorting Links and Long Shorting Sleeves for temporary shorting

These links are used for switchable cross connection of adjacent Terminal Blocks of the same size. They can be used only in conjunction with the Long Shorting Sleeves and Screws.

Pre Assembled Shorting Link

Insulated Pre Assembled Shorting Link

Terminal Series	Poles	Cat. No.	Torque	Std. Pack	Cat. No.	Torque	Std. Pack
CTS2.5(M)	2	CA521/2	0.4 Nm	100	CA621/2	0.4 Nm	100
	3	CA521/3		100	CA621/3		100
	4	CA521/4		100	CA621/4		100
	10	CA521/10		10	CA621/10		10
CTS2.5 CTS4SC	2	CA522/2	0.4 Nm	100	CA622/2	0.4 Nm	100
	3	CA522/3		100	CA622/3		100
	4	CA522/4		100	CA622/4		100
	10	CA522/10		10	CA622/10		10
CTS6 CTS6SC	2	CA723/2	0.5 Nm	100	CA743/2	0.5 Nm	100
	3	CA723/3		50	CA743/3		50
	4	CA723/4		50	CA743/4		50
	10	CA723/10		10	CA743/10		10
CTS10	2	CA724/2	0.5 Nm	100	CA744/2	0.5 Nm	100
	3	CA724/3		50	CA744/3		50
	4	CA724/4		50	CA744/4		50
	10	CA724/10		10	CA744/10		10
CTS16	2	CA751/2	0.8 Nm	50	CA761/2	0.8 Nm	50
	3	CA751/3		50	CA761/3		50
	4	CA751/4		50	CA761/4		50
	10	CA751/10		10	CA761/10		10
CTS35	2						
	3						
	4						
	10						

STUD TYPE TERMINAL BLOCK SHORTING LINKS

Shorting / Bridging System for Stud type Terminal Blocks

Fork Type Shorting Links

These links have a possibility of quick insertion and removal. The entire nut assembly of the Terminal Block need not be removed for the insertion or removal of these links. They are available in standard 2, 3 or 4 pole configurations. They are also available in an insulated version which provides shock protection when installed on Terminal Blocks.

Ring Type Shorting Links

These links provide a secure, permanent shorting possibility for stud type Terminal Blocks. They are available in standard 2, 3 or 4 pole configurations. They are also available in an insulated version which provides shock protection when installed on Terminal Blocks.

Fork Type Shorting Link

Insulated Fork Type Shorting Link

Terminal Series	Poles	Cat. No.	Torque	Std. Pack	Cat. No.	Torque	Std. Pack
CSTSB3	2	CA512/5-2	0.5 Nm	100	CA514/5-2	0.5 Nm	100
	3	CA512/5-3		50	CA514/5-3		50
	4	CA512/5-4		50	CA514/5-4		50
CSTSB4 / CSTSB5 CSTSB4/N4 CDTTS / CDTTS-SH CMDT4 / CMDT4SH	2	CA512/2-2	1.2 Nm	100	CA514/2-2	1.2 Nm	100
	3	CA512/2-3		50	CA514/2-3		50
	4	CA512/2-4		50	CA514/2-4		50
CSTSN4/N5 CSTSN4U/N5U CSTSB4U/B5U CBS4U/CSB4/N4U CBS5U/CSB5/N5U	2	CA512/1-2	1.2 Nm	100	CA514/1-2	1.2 Nm	100
	3	CA512/1-3		50	CA514/1-3		50
	4	CA512/1-4		50	CA514/1-4		50
CSTSN6 CSTSN6U	2	CA512/7-2	1.2 Nm	100	CA514/7-2	1.2 Nm	100
	3	CA512/7-3		50	CA514/7-3		50
	4	CA512/7-4		50	CA514/7-4		50
CSTSN4(15) CSTSN5(15)	2	CA512/9-2	1.2 Nm	100	CA514/9-2	1.2 Nm	100
	3	CA512/9-3		50	CA514/9-3		50
	4	CA512/9-4		50	CA514/9-4		50
CSTSRN5/RN6	2	CA512/11-2	1.2 Nm	50	CA514/11-2	1.2 Nm	50
STH4 STH4DT STH4DTSH	2	CA512/13-2	1.2 Nm	100	CA514/13-2	1.2 Nm	100
	3	CA512/13-3		50	CA514/13-3		50
	4	CA512/13-4		50	CA514/13-4		50
STH3/CSB3/ N3U CSB3U	2	CA512/15-2	0.5 Nm	100	CA514/17-2	0.5 Nm	100
	3	CA512/15-3		50	CA514/17-3		50
	4	CA512/15-4		50	CA514/17-4		50

Permanent Shorting Link

Cat. No.	Std. Pack.
CA503/01	100
CA504/01	100
CA505/01	100
CA510/01	100
CA503/1	100
CA504/1	100
CA505/1	100
CA510/1	100
CA703/2	100
CA704/2	100
CA705/2	100
CA733/10	100
CA703/3	100
CA704/3	100
CA705/3	100
CA734/10	100
CA703/8	100
CA704/8	100
CA705/8	100
CA739/10	100
CA503/5	100
CA504/5	100
CA505/5	100
CA510/5	100

Short Sleeves & Screws

Cat. No.	Torque	Std. Pack.
CA507/S/Q/01	0.4 Nm	100
CA707/S/Q/1	0.4 Nm	100
CA707/S/Q/1	0.5 Nm	100
CA707/S/Q/1	0.5 Nm	100
CA707/S/Q/1	0.8 Nm	100
CA508/S/Q	0.8 Nm	100

Switchable Shorting Link

Cat. No.	Std. Pack.
CA506/01	100
CA506/1	100
CA706/2	100
CA706/3	100
CA706/8	100
CA506/5	100

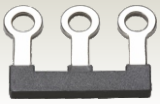
Long Sleeves & Screws

Cat. No.	Torque	Std. Pack.
CA507/L/Q/01	0.4 Nm	100
CA707/L/Q/1	0.4 Nm	100
CA707/L/Q/1	0.5 Nm	100
CA707/L/Q/1	0.5 Nm	100
CA707/L/Q/1	0.8 Nm	100
CA508/L/Q	0.8 Nm	100

Ring Type Shorting Link

Cat. No.	Torque	Std. Pack
CA512/6-2	0.5 Nm	100
CA512/6-3		50
CA512/6-4		50
CA512/4-2	1.2 Nm	100
CA512/4-3		50
CA512/4-4		50
CA512/3-2	1.2 Nm	100
CA512/3-3		50
CA512/3-4		50
CA512/8-2	1.2 Nm	100
CA512/8-3		50
CA512/8-4		50
CA512/10-2	1.2 Nm	100
CA512/10-3		50
CA512/10-4		50
CA512/12-2	1.2 Nm	50
CA512/14-2	1.2 Nm	100
CA512/14-3		50
CA512/14-4		50

Insulated Ring Type Shorting Link



Cat. No.	Torque	Std. Pack
CA514/6-2	0.5 Nm	100
CA514/6-3		50
CA514/6-4		50
CA514/4-2	1.2 Nm	100
CA514/4-3		50
CA514/4-4		50
CA514/3-2	1.2 Nm	100
CA514/3-3		50
CA514/3-4		50
CA514/8-2	1.2 Nm	100
CA514/8-3		50
CA514/8-4		50
CA514/10-2	1.2 Nm	100
CA514/10-3		50
CA514/10-4		50
CA514/12-2	1.2 Nm	50
CA514/14-2	1.2 Nm	100
CA514/14-3		50
CA514/14-4		50

Insulated Ring Type Alternate Link

Cat. No.	Torque	Std. Pack
CA514/14-3A	1.2 Nm	10
CA514/14-4A		10

END PLATES

END PLATES

End Plates are used to cover the live parts of the last Terminal Block. They should be used at the end of an assembly of identical Terminal Blocks and whenever is changed in physical size of the Terminal Block.

Type / Cat. No.	Std. Pack	Dimension (H x W x T)	Suitable for
EP2.5/4UN	50	32 x 39 x 1.5	CTS2.5UN/2.5UE/4UN/CTT2.5UK/T/J/E
EP6/10U	50	31 x 42.5 x 1.5	CTS6U/CTS10U
EPCMC1-2	50	35.5 x 46.5 x 2.5	CMC1-2
EPCMC2-2	50	40.5 x 65 x 2.5	CMC2-2
EPCDL4UN	50	47.5 x 57 x 1.5	CDL4UN/CDL4UN(I.S)
EPODL4U	50	49 x 68 x 5.5	ODL4U/ODL4UA(Front Side)
EP1ODL4U	50	24 x 68 x 3	ODL4U/ODL4UA(Back Side)
EPCDGL2.5	50	48 x 71.4 x 1.2	CDGL2.5
EPCTL2.5U	50	55.5 x 84 x 1.5	CTL2.5U/2.5UL/2.5U(I.S)
EPCTL2.5UH	50	55.5 x 61 x 1.5	CTL2.5UH/2.5UH(L)/2.5UH(I.S)D2
EPCTGL2.5	50	62.5 x 87.5 x 1.2	CTGL2.5/CTGL2.5(E)MOV
EPCMT4	50	23 x 27 x 1.5	CMT4
EPCMB4	50	27 x 27 x 7	CMB4
EPCBS3U	50	26.2 x 49 x 1.5	CBS & CSB SERIES
EPCAFL4U	25	32 x 72 x 1.5	CAFL4U/4UL/4UN
EPDDFL4U	25	49 x 87.6 x 3	DDFL4U/4ULR/4U(E)/4U(E)LR
EPCDTTU	50	41 x 63 x 3	CDTTU/CDTTUSH
EPCKT4U	50	30.5 x 46.5 x 2.5	CKT4U
EPCKT4U/4	50	65 x 38.3 x 1.5	CKT4U/4
EPCDS6U	50	37.2 x 82 x 1.5	CDS6U/6UTS/6UFT/6USC
EPCGT4U	50	40.5 x 43 x1	CGT4U
EPUSC	50	52 x 48.5 x 1.5	CTS4USC/6USC/10USC/CHV4U/6U/10U
EPCTC4U	50	34.5 x 47 x 2.5	CTC4U
EPCSTSU	50	31 x 50 x 1.5	CSTSN4U/N5U/N6U/B4U/B5U
EPSTH3	50	34.4 x 47 x 1.5	STH3
EPSTH4	50	39.5 x 46 x 1.5	STH4
EPSTH6	50	51 x 63.5 x 2	STH6
EPSTH4DT	50	37.5 x 86 x 1.5	STH4DT / STH4DTSH
EPCSC2.5T	50	23 x 58 x 1.5	CSC2.5T/CSCG2.5T
EPCSC4T	50	28 x 65 x 1.5	CSC4T/CSCG4T/CSC4TD1/D2
EPCSC6T	50	31.5 x 72 x 2	CSC6T/CSCG6T
EPCSC10T	50	37.5 x 75 x 1.5	CSC10T/CSCG10T
EPCSC16T	50	82 x 38 x 1.5	CSC16T/CSCG16T
EPCSCDK2.5	50	58 x 23.4 x 1.5	CSCDK2.5
EPCSCDK2.5/4	50	89.8 x 25 x 1.5	CSCDK2.5/4
EPCSCP2.5T(L&R)	50	27.3 x 35 x 5	CSCP2.5T/CSCP2.5T2
EPCSC2.5T1-2	50	25 x 74 x 1.5	CSC2.5T1-2
EPCSC2.5T2-2	50	25 x 90 x 1.5	CSC2.5T2-2/CSC2.5T/4(E)D3
EPCSC4T1-2	25	28.5 x 84.5 x 1.5	CSC4T1-2
EPCSC4T2-2	25	28.5 x 105 x 1.5	CSC4T2-2
EPCSC6T1-2	50	94 x 30 x 1.5	CSC6T1-2
EPAS2.5	50	35 x 54 x 1.5	AS2.5, 2.5/3, 2.5/4, AGT2.5, 2.5/3, 2.5/4
EPAS4	50	27.5 x 61 x 1.5	AS4, 4/3, 4/4, AGT4, 4/3, 4/4
EPAS6	50	33.5 x 74 x 1.5	AS6, 6/3, AGT6, 6/3
EPASF4	50	37 x 86 x 1.5	ASF4/ASF4L
EPADL2.5	50	43.5 x 80 x 1.5	ADL2.5/ADL2.5(E)D1/D2
EPADLG2.5	50	83.75 x 58 x 1.2	ADLG2.5
EPATL2.5	50	100 x 69.7 x 1.2	ATL2.5
EPATL2.5H	50	77.3 x 69.7 x 1.2	ATL2.5H
EPATLG2.5	50	100 x 68.75 x 1.2	ATLG2.5
CTSEP01	50	31 x 36.5 x 1.8	CTS2.5(M)
CTSEP1	50	49 x 40 x 2.7	CTS2.5/6/10/4SC/6SC
CTSEP2	50	54 x 49.5 x 3	CTS16
CTSEP3	50	52 x 58 x 2.7	CTS35
CTSEP1SC	50	43.5 x 50 x 2.5	CTS10SC
CSTSEP2	50	44.5 x 50 x 3	CSTSB3/B4/B5/N4/N5/N4(15)/N5(15)/N6
CSTSREP	50	48.5 x 43 x 3	CSTSRN5/CSTSRN6
CDTEP	50	56 x 68 x 3.2	CDTTS/CDTTS-SH
EPCMDT4	50	48.7 x 68 x 2.4	CMDT4/CMDT4SH
EPCX2.5	50	30.5 x 49.7 x 1.5	CX2.5 / CXG2.5
EPCX2.5/3	50	30.5 x 62.2 x 1.5	CX2.5/3 / CXG2.5/3 / CXK2.5
EPCX2.5/4	50	30.5 x 74.7 x 1.5	CX2.5/4 / CXG2.5/4 CXK2.5/4 / CX2.5/4P
EPCX4	50	30.5 x 54.8 x 1.5	CX 4 / CXG4
EPCX4/3	50	30.5 x 70.5 x 1.5	CX4/3 / CXG4/3 / CXK4
EPCX4/4	50	30.5 x 86.2 x 1.5	CX4/4 / CXG4/4 / CXK4/4
EPCX6	50	35.3 x 62.1 x 1.5	CX 6 / CXG6
EPCX6/3	50	35.3 x 82.2 x 1.5	CX 6/3 / CXG6/3
EPCXDL2.5	50	41.8 x 72.7 x 1.5	CXDL2.5 SERIES
EPCXS2.5	50	35.6 x 43 x 1.5	CXS2.5 / CXSG2.5
EPCM1.5S	50	18 x 26.5 x 12	CM1.5S / CM1.5S2
EPCM2.5S	50	20 x 30 x 12.45	CM2.5S / CM2.5S2
EPCMS2.5	50	25 x 31 x 1.5	CMS2.5
EPCX2.5P	50	21 x 39.2 x 3	CX2.5P
EPCX2.5B	50	23.75 x 55.8 x 1.5	CX2.5B
EPCX2.5S	50	19.6 x 42 x 3	CX2.5S

PARTITION & SEPARATOR PLATES

PARTITION PLATES

Partition Plates are used to segregate different groups of Terminal Blocks and provide the required creepage and clearance values in an assembly. Partition Plates electrically isolate adjacent shorting links. They also provide a separation between Terminal Blocks of different potentials.

For visual separation of different circuits, a choice of coloured End Plates and Partition Plates are also available.

Type / Cat. No.	Std. Pack	Dimension (H x W x T)	Suitable for
PP2.5/4UN	50	37 x 44 x 1.6	CTS2.5UN/2.5UE/4UN/CTT2.5UK/T/J/E
PP6/10U	50	37.5 x 56 x 1.5	CTS6U/CTS10U
PP25UN	50	42.5 x 62 x 1	CTS25UN
PP35UN	50	50 x 64.5 x 1	CTS35UN
PPCMT4	50	32 x 37 x 1.6	CMT4
PPCSFL4U	50	42.5 x 62 x 1.5	CSFL4U/4U(L)/CSDL4U
PPCSC2.5T	50	28 x 58.7 x 1.5	CSC2.5T/CSCG2.5T
PPCSC4T	50	33 x 65 x 1.5	CSC4T/CSCG4T
PPCSC6T	50	36.5 x 72 x 2	CSC6T/CSCG6T
CTSPP01	50	43.5 x 49 x 2.3	CTS2.5(M)
CTSPP1L	50	63 x 40 x 2.8	CTS2.5/6/10/4SC/6SC
CTSPP1B	50	60 x 55 x 3	CTS2.5/6/10/4SC/6SC
CTSPP2	50	66.5 x 66 x 3	CTS16
CTSPP3	50	59 x 67.5 x 3	CTS35
CTSPP1SC	50	48 x 60 x 3	CTS10SC
CMSTPP	50	23 x 27 x 1.5	CMST1/CMST2
CSTSPP	20	53 x 60 x 3	CSTSB3/B4/B5/N4/N5/N4(15)/N5(15)/N6
EP4P	50	70 x 160 x 2	CTS35L/70L/95L/35LS/70LS/95LS
CTSEP4	50	5 x 120 x 2.5	CTS35L/70L/35LS/70LS
PPCBB	50	45 x 120 x 2	CBB35/50 / CBB70 / CBB95
PPCBB1	50	65 x 180 x 2	CBB120 / CBB150 / CBB185
PPCX2.5	50	42.4 x 59 x 2	CX2.5 / CXG2.5 / CX4 / CXG4
PPCX2.5/3	50	42.4 x 74.7 x 2	CX2.5/3 / CXG2.5/3 / CXK2.5 / CXK4/3 / CXK4
PPCX2.5/4	50	42.4 x 59 x 2	CX2.5/4 / CXG2.5/4 / CX4/4 / CXK4/4
PPCX6	50	53.5 x 76 x 2	CX6 / CX10

SEPARATOR PLATES

Separator Plates are used for electrical separation of adjacent shorting links without the use of additional space. They can be inserted after the Terminal Blocks have been assembled on the DIN rail.

Type / Cat. No.	Std. Pack	Dimension (H x W x T)	Suitable for
SP2.5/4UN	100	17.5 x 17.4 x 1.4	CTS2.5UN/2.5UE/4UN/CTT2.5UK/T/J/E
SP6/10U	100	15.4 x 16.2 x 1.5	CTS6U/CTS10U/CTS16U
SPCDL4U	100	15.4 x 16.2 x 1.6	CDL4U/4UN/CDL4U(I.S)/4UN(I.S)
SPCMB4	100	14.5 x 12 x 1.5	CMB4
SPCDLG2.5	100	11 x 10.5 x 1	CDGL2.5

PROTECTIVE COVERS

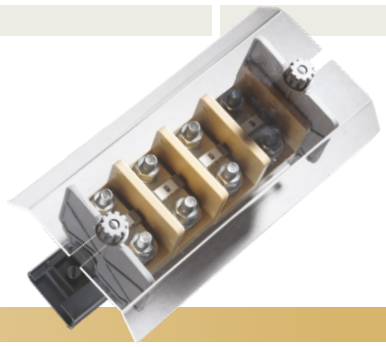
For protection against dust and shock, transparent protective covers can be installed above the Terminal Block assembly. The protective cover is held in place with the help of a fixing nut on the support plate CSP1. Support Plate CSP1 can be mounted on all DIN rails. It is advised to use standard end clamps / stops to hold the CSP1 in place.

Protective Covers

Cat. No.	Length	Std. Pack
CTSPC(40mm)	40 mm	10
CTSPC(90mm)	90 mm	10
CTSPC(100mm)	100 mm	10
CTSPC(130mm)	130 mm	10
CTSPC(150mm)	150 mm	10
CTSPC(200mm)	200 mm	10
CTSPC(300mm)	300 mm	10
CTSPC(330mm)	330 mm	10
CTSPC(460mm)	460 mm	10

Support Plate

Cat. No.	Std. Pack
CSP1	50



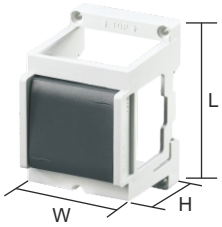
DIN RAIL MOUNTED SOCKETS & SWITCHES

Connectwell DIN Rail mounted socket and switches offer a unique possibility of mounting an Industrial Socket and Switch on a standard DIN rail.

Sockets are available for various country standard plugs. These need to be wired and snapped inside the Din rail mounting frame as shown in the assembly diagram below.

This assembly then easily snaps on to a standard DIN rail.

Switches CDINSW1 & CDINSW2 are available in single and double pole configuration respectively.



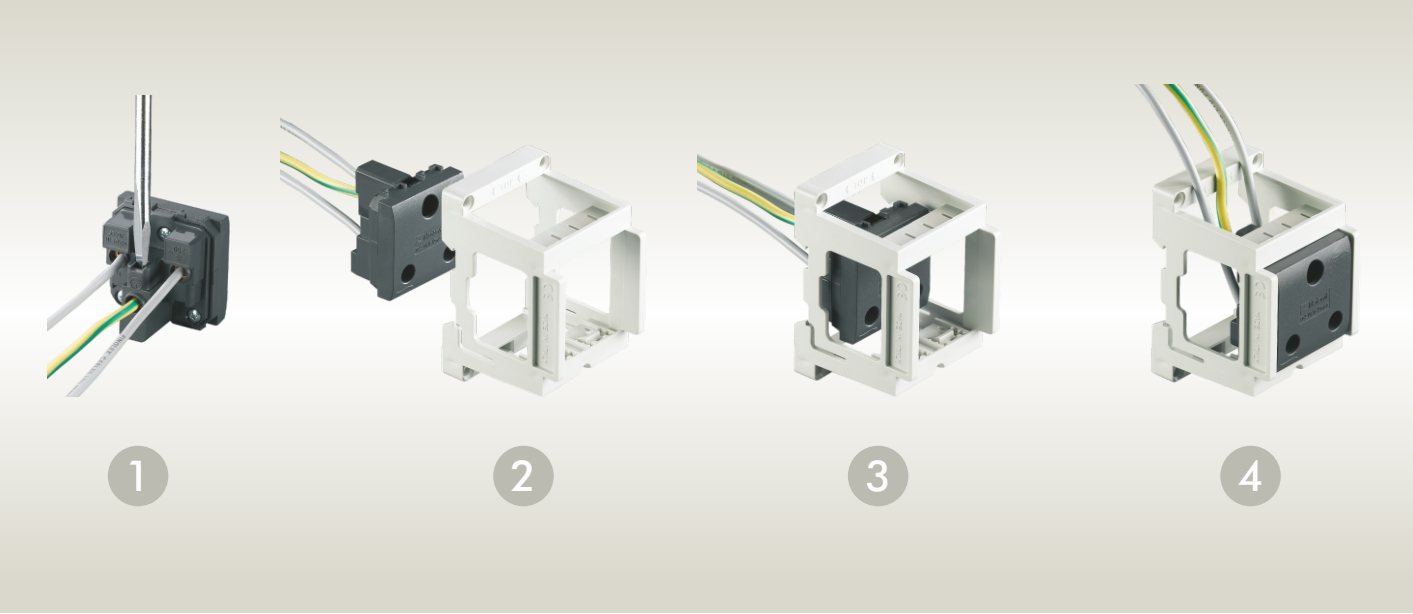
CDINS6

Dimension W x L x H	53 x 82 x 60 mm
Socket Housing Material	Polycarbonate
DIN Rail Frame Material	ABS
Wire Clamp & Contact Material	Brass
Electrical Data	
Rated Connecting Capability	0.5 - 2.5 sq.mm
Voltage Rating	250 V
Current Rating	5 A
Suitable for Plugs	Type C, Type D (Indian Standard BS546)
Approvals	CE

	Type / Cat. No.	Std. Pack
DIN Rail Socket	CDINS6	5
Mounting Rail	CA701 CA701-15	50 m 50 m
End Clamp	CA102 CA202	50 50
Applicable Countries *	Afghanistan, Bangladesh, India, Nepal, Nigeria, Pakistan, Qatar, Sri Lanka	

* Country data may vary. Please check the country socket configuration before ordering.

ASSEMBLY INSTRUCTIONS



CDINS16

53 x 82 x 60 mm	
Polycarbonate	
ABS	
Brass	
0.5 - 2.5 sq.mm	
250 V	
13 A	
Type M (South African Standard)	
CE	
Type / Cat. No.	**Std. Pack**
CDINS16	5
CA701 CA701-15	50 m 50 m
CA102 CA202	50 50
Bangladesh, India, Nepal, Pakistan, Qatar, Sri Lanka, South Africa	

CDINSUK

53 x 82 x 60 mm	
Polycarbonate	
ABS	
Brass	
0.5 - 2.5 sq.mm	
250 V	
13 A	
Type G (UK Standard BS1363)	
CE	
Type / Cat. No.	**Std. Pack**
CDINSUK	5
CA701 CA701-15	50 m 50 m
CA102 CA202	50 50
Bahrain, Hongkong, Iraq, Ireland, Jordan, Kenya, Kuwait, Lebanon, Macau, Malaysia, Mauritius, Myanmar, Nigeria, Oman, Qatar, Saudi Arabia, Singapore, United Arab Emirates, United Kingdom, Yemen, Zimbabwe	

CDINSD

53 x 82 x 60 mm	
Polycarbonate	
ABS	
Brass	
0.5 - 2.5 sq.mm	
250 V	
13 A	
Type F (Schuko)	
CE	
Type / Cat. No.	**Std. Pack**
CDINSD	5
CA701 CA701-15	50 m 50 m
CA102 CA202	50 50
Algeria, Austria, Bosnia, Bulgaria, Finland, France, Germany, Greece, Hungry, Iceland, Indonesia, Italy, Jordan, Luxembourg, Monaco, Myanmar, Netherlands, Norway, Portugal, Romania, Serbia, Spain, Turkey	

CDINSW1

CDINSW2

Dimension W x L x H	53 x 82 x 60 mm	53 x 82 x 60 mm
Switch Housing Material	Polycarbonate	Polycarbonate
DIN Rail Frame Material	ABS	ABS
Wire Clamp & Contact Material	Brass	Brass
Electrical Data		
Rated Connecting Capability	0.5 - 2.5 sq.mm	0.5 - 2.5 sq.mm
Voltage Rating	250 V	250 V
Current Rating	16 A	16 A
Number of Poles	1	2
Approvals	CE	CE
	Type / Cat. No. / **Std. Pack**	**Type / Cat. No.** / **Std. Pack**
DIN Rail Socket	CDINSW1 / 5	CDINSW2 / 5
Mounting Rail 	CA701 CA701-15 / 50 m 50 m	CA701 CA701-15 / 50 m 50 m
End Clamp 	CA102 CA202 / 50 50	CA102 CA202 / 50 50

PROFESSIONAL TOOLS

In order to have secure connections,not only it is important to use good quality terminal blocks but also correct tools for securing these connections. Connectwell has a range of ergonomically designed professional tools for all your wiring needs. The tri-moulded handles of these screwdrivers allow the users to exert 50% additional torque over conventional screwdrivers. All this and more to ensure that you have The Right Connection.

CSTP02/10 STRIPPING TOOL

Connectwell CSTP02/10 is a versatile stripping tool for cables and conductors from 0.02 - 10 mm² sizes. It has a self adjusting, stripping length mechanism of upto 18 mm and can also cut wires of upto 10 mm² stranded / 1.5 mm² solid.

Technical Data

Suitable For	Flexible & Solid Conductors with PVC insulation
Suitable for Conductor Size	0.02-10 mm² / 34-8 AWG
Max. Wire Stripping Length	18 mm
Max. Wire Cutting Size, Flexible	10 mm²
Max. Wire Cutting Size, Solid	1.5 mm²
Product Length	190 mm
Product Width	90 mm
Product Weight	135 gms

Ordering Information

Cat. No.	CSTP02/10
Std. Pack	1 Piece

CRP0.25/6 CRIMPING TOOL

Connectwell CRP0.25/6 crimping tool is suitable for crimping ferrules / lugs on wires from 0.25 - 6 mm² sizes. A square crimp is a achieved by 4 synchronous working crimp jaws. It has an ergonomically formed pistol grip with a ratchet release mechanism.

Technical Data

Suitable For	Wire end ferrules / lugs with or without plastic insulation
Crimping Range	0.25 - 6 mm²
Wire Entry Type	Front Entry
Product Length	160 mm
Product Width	32 mm
Product Weight	371 gms

Ordering Information

Cat. No.	CRP0.25/6
Std. Pack	1 Piece

CRP10/16 CRIMPING TOOL

Connectwell CRP10/16 crimping tool is suitable for crimping ferrules / lugs on wires from 10 - 16 mm² sizes. It has a burnished surface and has precisely ground profiles in the crimp jaws.

Technical Data

Suitable For	Wire end ferrules / lugs with or without plastic insulation
Crimping Range	10 - 16 mm²
Wire Entry Type	Front Entry
Product Length	230 mm
Product Width	85 mm
Product Weight	600 gms

Ordering Information

Cat. No.	CRP10/16
Std. Pack	1 Piece

CRR0.5/6 CRIMPING TOOL

Connectwell CRR0.5/6 crimping tool is suitable for crimping fork or ring type ferrules / lugs on wires from 0.5 - 6 mm² sizes. 3 distinct colour coded positions are available for the appropriate crimp size. It has a burnished surface and has precisely ground profiles in the crimp jaws.

Technical Data

Suitable For	Fork or Ring type wire end ferrules / lugs with or without plastic insulation
Crimping Range - Red	0.5-1.5 mm² / 20-16 AWG
Crimping Range - Blue	1.5-2.5 mm² / 16-14 AWG
Crimping Range - Yellow	2.5-6.0 mm² / 12-10 AWG
Wire Entry Type	Side Entry
Product Length	220 mm
Product Width	80 mm
Product Weight	180 gms

Ordering Information

Cat. No.	CRR0.5/6
Std. Pack	1 Piece

Tri-Molded PROFESSIONAL Screwdrivers

Material 1

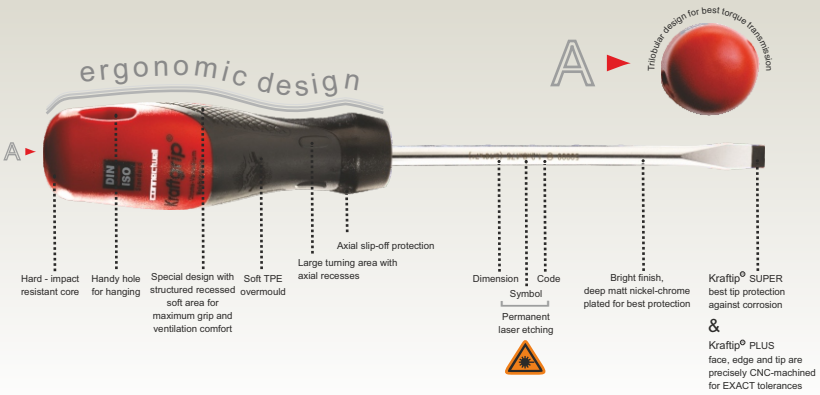
Specially formulated hard material prevents blades from turning. Handles are injection moulded around blades for maximum strength and durability.

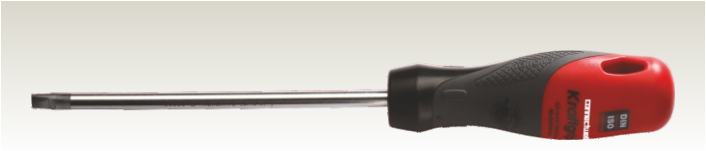
Material 2

Soft TPE material, specially formulated for best torque transmission. It has an integrated diamond pattern area for better hand grip and air ventilation between the hand and the handle.

Material 3

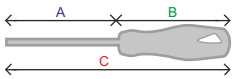
Specially formulated reinforced material, impact resistant even at lower temperatures to prevent handle damage.





Electrician's Screwdrivers

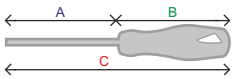
Application:	for slotted screws	ISO 2380
Blade type:	round blade, high-grade chrome-vanadium-molybdenum steel, chrome plated	
Tip:	Kraftip Plus black tip, ISO 2380-1	
Handle:	Three component handle, Kraftgrip 50000R	



Cat. No.	EAN			A	B	C		Pack Pcs.
SCS0.5/3	6	0.5	3.0	100	85	185	3.0	10
SCS0.6/3.5	3	0.6	3.5	100	85	185	3.5	10
SCS0.8/4	0	0.8	4.0	125	85	210	4.0	10
SCS1/5.5	7	1.0	5.5	150	100	250	5.5	10

Electrician's Screwdrivers Insulated

Application:	for slotted screws	EN 60900:2004
Blade type:	round blade, insulated high-grade chrome-vanadium-molybdenum steel, black finish	
Tip:	Kraftip Plus black tip, ISO 2380-1	
Handle:	Three component handle, Kraftgrip 50000R	

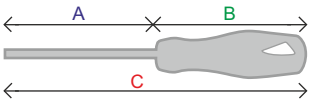


Cat. No.	EAN			A	B	C		Pack Pcs.
SCS0.5/3I	3	0.5	3.0	100	85	185	3.0	10
SCS0.6/3.5I	0	0.6	3.5	100	85	185	3.0	10
SCS0.8/4I	7	0.8	4.0	100	85	185	3.5	10
SCS1/5.5I	4	1.0	5.5	125	100	225	5.0	10

Application:

Phillips Screwdrivers

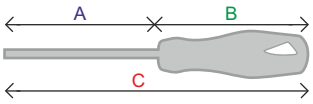
Application:	for Phillips Recess screws	ISO 8764
Blade type:	round blade, high-grade chrome-vanadium-molybdenum steel, chrome plated	
Tip:	Kraftip Plus black tip, ISO 8764-1	
Handle:	Three component handle, Kraftgrip 50000R	



Cat. No.	EAN			A	B	C		Pack Pcs.
SCPH1	5	PH	1	80	100	180	4.5	10
SCPH2	2	PH	2	100	110	210	6.0	10

Phillips Screwdrivers Insulated

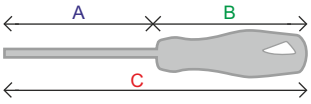
Application:	for Phillips Recess screws	EN 60900:2004
Blade type:	round blade insulated, high-grade chrome-vanadium-molybdenum steel, black finish	
Tip:	Kraftip Plus black tip, ISO 8764-1	
Handle:	Three component handle, Kraftgrip 50000R	



Cat. No.	EAN			A	B	C		Pack Pcs.
SCPH2I	2	PH	2	100	110	210	6.0	10

Socket wrench-NUT DRIVER

Application:	for hexagon headed screws, bolts and nuts	DIN 3125
Blade type:	round blade, with deep hexagonal socket, high-grade chrome-vanadium-molybdenum steel, chrome plated	
Handle:	Three component handle, Kraftgrip 50000	



Cat. No.	EAN			A	B	C		Pack Pcs.
SCNT4	0	SW	4	125	100	225	6	10
SCNT5	7	SW	5	125	100	225	6	10
SCNT6	1	SW	6	125	110	235	6	10

ATEX-IECEx Approved Terminal Blocks

The ATEX - IECEx Directive besides taking into account the electrical sources of explosion, also considers potentially explosive concentrations of gas, vapor or mist along with dust in the air.

Connectwell Terminal Blocks having ATEX - IECEx approval will be marked as follows:

ATEX-IECEx APPROVED TERMINAL BLOCKS

Installation Instruction. Angular Spring Clamp Series
For Catalogue No. refer table

Marking :

II 2 G Ex e II Gb DEMKO 11 ATEX 1140253U
II (2) D
II 2 G Ex ib IIB Gb
II (2) D
Ex e II Gb IECEx UL 11.0044U
Ex ib IIB Gb 630 V, 60V For I

Assembly on Mounting Rail : Din 35 (Top Hat Rail) as per EN 60715
Ambient Temperature range : -40°C to +40°C
Service Temperature range : -40° C to +75°C

Insulation Material: Polyamide 66, CTI 600 / I, RTI - 105°C

Condition of Safe Use - increased safety "e"
The Terminal Blocks are suitable to mount on Din35 (Top hat Rail) as per EN60715.

The Terminal blocks are suitable for use in ATEX / IECEx certified enclosure with minimum IP rating of IP 54 for Gas atmosphere.

The terminal block has to be built into the enclosure with the type of protection "t" (complying with EN/IEC 60079-31)" or similar when placed in dust atmosphere.
The terminal blocks are suitable for maximum service temperature 75°C, considering the self-heating when used at rated current with specified maximum conductor size & at ambient temperature range of -40°C to +40°C at mounting position.

When the Terminal Blocks are used in electrical apparatus, the highest temperature of the insulating material shall not exceed the max value of the temperature 75 °C.

When these terminal blocks are mounted, the minimum creepage and clearance distances shall be maintained at minimum 12 mm and 10 mm respectively for voltage rating 630V, with neighboring terminal blocks. When terminal blocks are used with terminal block spacers, these terminal block spacers must be ATEX and IEC Ex certified spacers.

Proper care should be taken for stranded wire type of connection in terminal blocks, so that conductors are not getting damaged while installation.

The need to measure the resistance across the terminal with rated conductor cross-section shall be determined during the end-equipment evaluation.

Installation instruction - Intrinsic Safety "I

EN 60079-14 Clause 12 states Modular Terminal Blocks as simple apparatus when used in intrinsically safe circuits. Testing by a notified body and marking is not required. If Terminal Blocks are identified as part of an intrinsically circuit are marked by a colour, the colour used shall be light blue. Testing for compliance to intrinsically safe requirements including clearance, creepage, and solid insulation distances specified in EN 60079-0 (EN 50014) and EN 60079-11 (EN 50020) have been performed for circuits up to 60 V. Compliance with distance requirements of EN 60079-14 Clause 12.2.3 for the connection of separated intrinsically safe circuit accessories is met. A minimum distance of 50 mm to separate clamping units of intrinsically safe and non intrinsically safe circuits is required by using a partition plate or spacer or similar device.

ATEX-IECEx APPROVED TERMINAL BLOCKS

Installation Instruction. Screw & Spring Clamp Series
For Catalogue No. refer table

Marking :
II 2 G Ex e II Gb DEMKO 11 ATEX 0956504 U
II (2) D
Ex e II Gb IECEx UL 11.0053 U

Ambient Temperature range : -40°C to +40°C
Service Temperature range : -40° C to +85°C
Insulation Material: Polyamide 66, CTI 600 / I, RTI - 105°C

Assembly on Mounting Rail : Din 35 (Top Hat Rail) as per EN 60715 / Din 32 (G Rail) as per EN 60715

Condition of Safe Use - increased safety "e"
The Terminal Blocks are suitable to mount on Din35 (Top hat Rail) & Din32 (G Rail) as per EN60715.
.
The Terminal blocks are suitable for use in ATEX / IECEx certified enclosure with minimum IP rating of IP 54 for Gas atmosphere.

The terminal block has to be built into the enclosure with the type of protection "t" (complying with EN 60079-31)" or similar when placed in dust atmosphere.

The terminal blocks are suitable for maximum service temperature 85°C, considering the self-heating when used at rated current with specified maximum conductor size & at ambient temperature range of -40°C to +40°C at mounting position.
When the Terminal Blocks are used in electrical apparatus, the highest temperature of the insulating material shall not exceed the max value of the temperature 85 °C.

When these terminal blocks are installed, the minimum creepage and clearance distances for the specific voltage rating shall be maintained as duly noted per Table 1 in clause 4.3 and 4.4 of IEC 60079-7 & EN 60079-7. When terminal blocks are used with terminal block spacers, these terminal block spacers must be ATEX and IEC Ex certified spacers.

Proper care should be taken for stranded wire type of connection in terminal blocks, so that conductors are not getting damaged while installation.

The need to measure the resistance across the terminal with rated conductor cross-section shall be determined during the end-equipment evaluation.

For Angular Spring Clamp series refer table

* These terminals have increased and intrinsic safety marks.

Type No.	Rated Voltage		Rated Current	Wire Range mm²	Grade V2 / V0
	for DIN 35 Rail	for DIN 32 Rail			
AS2.5*	630	NA	21	0.34-2.5	V0
AS2.5/3*	630	NA	21	0.34-2.5	V2 & V0
AS2.5/4*	630	NA	21	0.34-2.5	V2 & V0
AGT2.5*	PE	NA	PE	0.34-2.5	V0
AGT2.5/3*	PE	NA	PE	0.34-2.5	V0
AGT2.5/4*	PE	NA	PE	0.34-2.5	V0
AS4*	630	NA	28	0.34-4	V2 & V0
AS4/3*	630	NA	28	0.34-4	V2 & V0
AS4/4*	630	NA	28	0.34-4	V0
AGT4*	PE	NA	PE	0.34-4	V2 & V0
AGT4/3*	PE	NA	PE	0.34-4	V0
AGT4/4*	PE	NA	PE	0.34-4	V0
AS6*	630	NA	36	0.34-6	V2 & V0
AS6/3*	630	NA	36	0.34-6	V2 & V0
AGT6*	PE	NA	PE	0.34-6	V2 & V0
AGT6/3*	PE	NA	PE	0.34-6	V2 & V0
ADL2.5*	630	NA	18	0.34-2.5	V0

ATEX-IECEx APPROVED TERMINAL BLOCKS

For Screw & Spring Clamp series refer table

Type No.	Rated Voltage		Rated Current	Wire Range mm²	Grade V2 / V0
	for DIN 35 Rail	for DIN 32 Rail			
CTS2.5UN	690	690	21	0.5-2.5	V2 & V0
CTS4UN	690	690	28	0.5-4	V0
CTS6U	690	690	36	1.5-6	V0
CTS10U	690	690	50	1.5-10	V0
CTS16U	690	690	66	2.5-16	V2 & V0
CTS25U	690	690	88	6 - 25	V2
CGT4U	PE	PE	PE	0.5-4	V2 & V0
CGT4N	PE	PE	PE	0.5-4	V2 & V0
CGT10U	PE	PE	PE	1.5-10	V2 & V0
CGT35U	PE	PE	PE	10 - 35	V2 & V0
CGMT4	PE (Din 15)	NA	PE	0.5-4	V2 & V0
CMT4	380 (Din 15)	NA	28	0.5-4	V0
CMB4	440 (panel Mount)	440 (panel Mount)	28	0.5-4	V2 & V0
CSC2.5T	550	NA	21	0.5-2.5	V2 & V0
CSC4T	550	NA	28	0.5-4	V2 & V0
CSC6T	550	NA	36	0.5-6	V2 & V0
CSC2.5T1-2	550	NA	21	0.5-2.5	V2 & V0
CSC2.5T2-2	550	NA	21	0.5-2.5	V2 & V0
CSC4T1-2	550	NA	28	0.5-4	V2 & V0
CSC4T2-2	550	NA	28	0.5-4	V2 & V0
CSCP2.5T	500 (Panel Mount)	500 (Panel Mount)	21	0.5-2.5	V2 & V0
CSCP2.5T2	500 (Panel Mount)	500 (Panel Mount)	21	0.5-2.5	V2 & V0
CDL4U	380	380	28	0.5-4	V2 & V0
ODL4U	550	550	28	0.5-4	V2 & V0
CTL2.5U	380	380	21	0.5-2.5	V0
CTL2.5UH	380	380	21	0.5-2.5	V0
CMC1-2	500	500	28	0.5-4	V2 & V0
CMC2-2	690	690	28	0.5-4	V2
CGT10N	PE	PE	PE	1.5-10	V2 & V0
CGT16N	PE	PE	PE	2.5-16	V2 & V0
CDL4UN	550	550	28	0.5-4	V2 & V0
CTS2.5UE	690	690	28	0.5-4	V0
CSC6T1-2	550	NA	36	0.5-6	V2 & V0
CSCG6T	PE	NA	PE	0.5-6	V2 & V0
CSCG2.5T	PE	NA	PE	0.5-2.5	V2 & V0
CSCG4T	PE	NA	PE	0.5-4	V0
CTS25UN	690	690	88	6 - 25	V0
CGT6N	PE	NA	PE	0.5-6	V2 & V0
CTS35UN	800	800	109	10 - 35	V0
CSC10T	550	NA	50	1.5-10	V0
CSCG10T	PE	NA	PE	1.5-10	V0
PTB35/50SH / PTB35/50	1100	NA	126	16 - 50	V2 & V0

WIRE TERMINATION

Systematic wiring in a panel board requires a layout of properly selected Terminal Blocks. In the normal course, it would be appropriate to assign one wire per clamping unit of a Terminal Block thus, simplifying the task of identification of the circuit.

The Screw Clamp Terminal Blocks can accommodate wires one size higher than the rated cross section. It must be noted that they can also take two wires one size smaller than the rated cross section.

If, however, two wires are connected to one clamping unit of a screw clamp Terminal Block, care must be taken to ensure that the total current assigned to the two wires does not exceed the continuous rating of the Terminal Block.

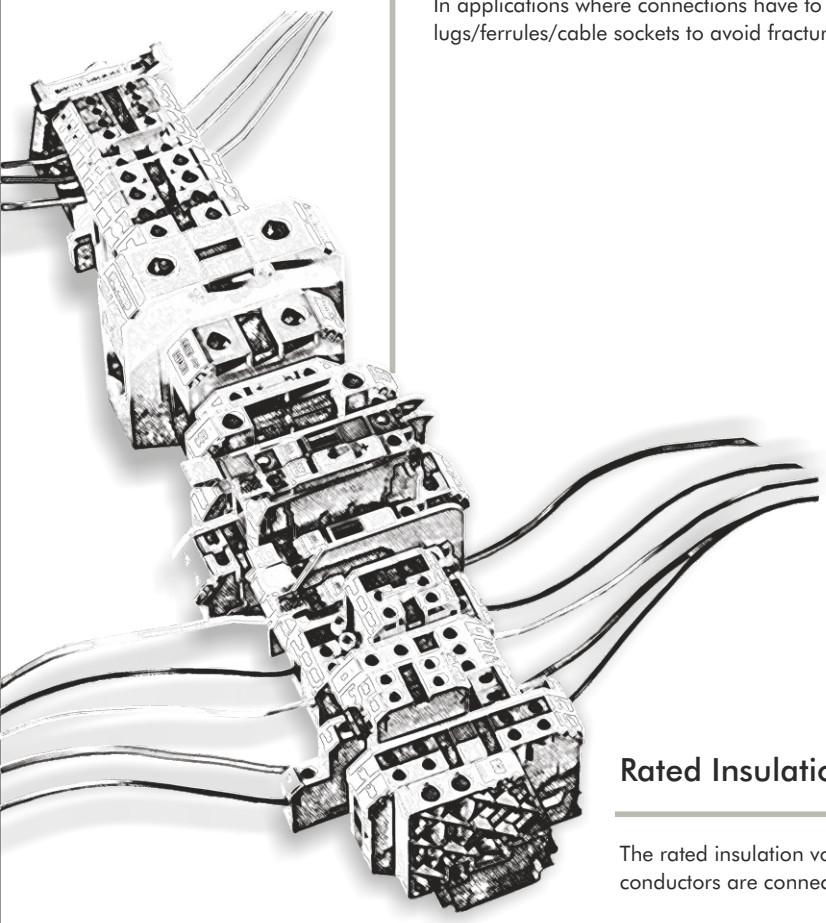
For 'Screwless' Spring Clamp Terminal Blocks, special care must be taken that only one wire must be connected per clamping unit.

The relevant standard, IEC 60947-7-1, section 4.3.5 states that for Terminal Blocks with a rated cross section from 0.2 sq. mm to 35 sq. mm. (both inclusive), the manufacturer shall specify the range and number of the rated cross section. The conductor can be rigid (solid or multi strands) or flexible (fine strands), these values can be found in product related technical data.

Connectwell feed through Terminal Blocks are designed to allow copper wires to be connected without any special preparations such as soldering the individual strands of wire or using cable lugs / ferrules. However, wires requiring special preparation can also be used in Connectwell Terminal Blocks, as per IEC 60947-7-1.

For connecting aluminium wires, special care must be taken while stripping the insulation from the wires. It is strictly recommended to use ferrules and lugs while connecting flexible aluminium wires. Once the wire has been stripped of its insulation to the recommended length, it should be quoted with acid and alkaline free Vaseline and screwed into the terminal immediately. This procedure must be followed each time that an aluminium wire is to be disconnected and reconnected.

In applications where connections have to be changed frequently, it is recommended to use lugs/ferrules/cable sockets to avoid fracturing of individual wires.

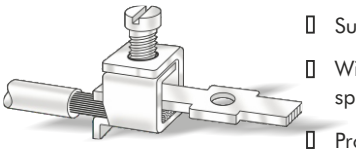


Rated Insulation Voltage with two wires/conductors

The rated insulation voltage of the Terminal Blocks does not change if the wires / conductors are connected correctly.

WIRE CONNECTION METHOD

Screw Clamp Connection



'The Screw Clamp Connection' is the most popular method of wire termination. It offers distinct advantages over the other wire termination methods:

- Suitable for all cross-sections and types of wires
- Wires can be connected without any special preparation
- Provides vibration resistant connection
- Simple connection and disconnection of wires with the aid of an ordinary screw driver (Fig.1)
- The cold forged rolled threaded screws provide high tightening torque.

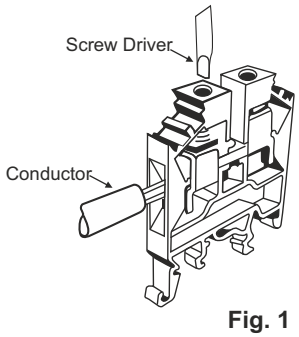


Fig. 1
Screw Clamp Operation

The steel clamping screw produces high contact force while the steel clamping yoke transmits this force by pressing the conductor against the current bar. The conducting medium within a Terminal Block is its current bar, which is made from electrolytic copper or 63 / 37 brass and tin plated. The tin plating on the current bar ensures excellent continuous contact and provides good protection against corrosion. Even the best electrical conductor materials are worthless without the required contact force to press the connected wire to the contact surface on the current bar. It is because of this that the clamping yokes and screws are made of steel. The steel parts are zinc plated and additionally chromate passivated in order to achieve the highest degree of corrosion resistance.

When the clamping screw is tightened, the clamping yoke gets pulled upwards, pressing the wire against the current bar. The clamping yoke and current bar are serrated. The serrations of the current bar cut through the oxide skin of the wire on tightening, thereby providing many contact lines. The serrations of the clamping yoke improve the gripping of the wire. When the wire is tightened, the clamping pressure pulls the top threaded surfaces of the yoke exerting extra high locking action on the clamping screw. (Fig. 2)

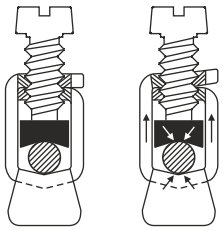


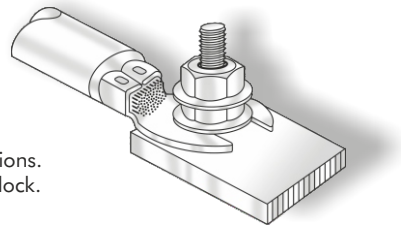
Fig. 2
Wire / Conductor Retention

Changes caused by temperature variations, if any, are effectively equalised by the elasticity of steel, providing excellent vibration resistance.

Large pressure areas on the current bar and the clamping yoke prevent notching, which otherwise could lead to possible wire fracture. The clamping yokes come in different sizes and shapes to accommodate wires of different cross sections. A flat clamping area ensures safe gripping of wires of smaller cross sections. The flange / tail of the clamping yokes prevents false entry of the wires underneath the yokes.

The following characteristics make the Screw Clamp Connection user friendly, versatile and sturdy:

- Strong contact force which makes it absolutely gas tight
- Very low contact resistance
- Excellent vibration proof protection preventing loosening of screws
- Reliable electrical and mechanical connection
- Ease of handling

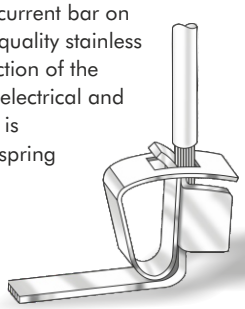


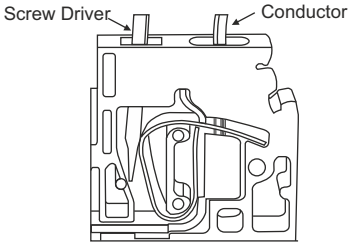
Cable Lug Connection

This method of wire termination is preferred for connections that are subject to very severe vibrations. The wire is crimped to a ring/fork type and is screwed on to the flat current bar in the Terminal Block.

Spring Clamp Technology

The more recently introduced Screwless Spring Clamp connection is as versatile as the screw clamp connection. In this type of a connection, the wire is held against the electrolytic copper current bar directly by a pre stressed spring clamp. The spring is operated by using a screw driver to provide an access to the wire through the opening in the spring clamp. The inserted wire gets clamped on to the current bar on the removal of the screw driver. The high quality stainless steel spring clamp ensures a good connection of the wire with minimal contact resistance. The electrical and mechanical quality of the wire connection is maintained by the high quality rust proof spring clamp. Only one wire per clamp must be terminated.





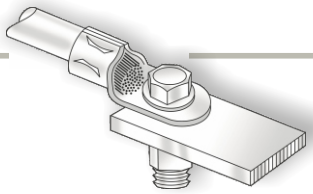
Screwless Spring Clamp Actuation

The following are the characteristics of Spring Clamp Connection:

- Easy to operate, versatile and vibration proof
- Minimal contact resistance because of a gas tight connection is made possible by the high quality stainless steel spring clamp
- Fail proof / safe, maintenance free connection
- The surface treated (tin plated) electrolytic copper current bar ensures oxidation free contact

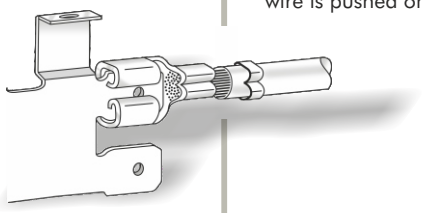
Cable Lug / Bus Bar Connection

This type of connection is preferred for wires of larger cross sections. The conductor is fit with a lug and bolted on to the flat current bar. This method is also ideal for connections subject to very severe vibrations.



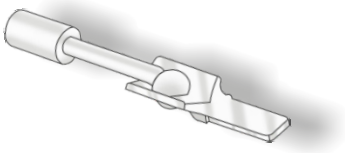
Tab Connection

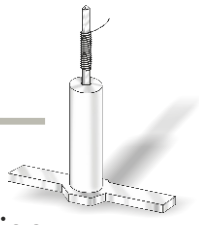
Tab connections are preferred in applications where the connected wire needs to be frequently connected and disconnected. A tab sleeve with a crimped wire is pushed on to the Terminal Block.



Solder Connection

Solder connections are suitable for wires having a cross section up to 2.5 sq. mm. In this type of connection, the wire is soldered to a solder lug. If done professionally, soldering can provide a good electrical connection.





Wire Wrap Connection

This type of connection is suitable for connecting a thin solid wire. The wire is wrapped to a square pin provided in the Terminal Block. A special tool is required for wrapping the wire to the square pin.

WIRE TIGHTENING

The design of the Connectwell Screw Clamps / Cable Lug system ensures vibration proof positive connection wires at the recommended torque values. However, Connectwell Terminal Blocks can withstand torque levels in excess of the recommended torque values. The Terminal Block clamping parts when tightened within the torque range ensure optimum performance as given below:

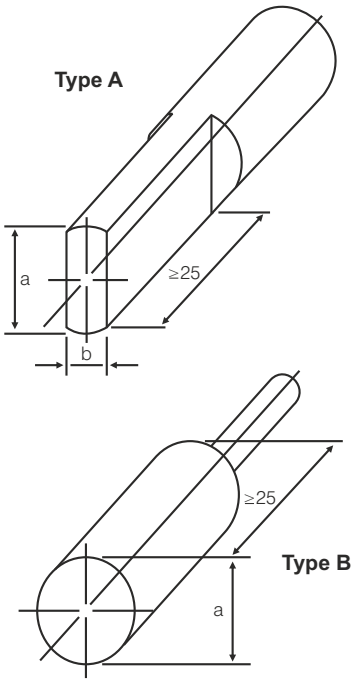
- The voltage drop (contact resistance) is well below the specified limits
- The wire gets clamped perfectly to form a gas tight connection
- The clamping yoke does not get damaged mechanically. The tightening torque according to IEC 60947-7-1 table 4, is the safe limit of the torque which guarantees the successful clamping of the connected wire.

Connectwell Terminal Blocks tightening torque data is given in the respective product pages.

All Connectwell Terminal Blocks are designed to function with rated wire sizes as per their respective AWG (American Wire Gauge) or Metric size/system. The Terminal Blocks are tested for Gauge Insertion as per VDE 0660.

Tightening Torque for Screw Clamp Terminal Blocks

Terminal Blocks	Thread Size of Fastener	Recommended Torque Value
CTS2.5UN/CPT(M)/CPT5	M 2.5	0.4 Nm
CTS2.5(M)/CMST1/CMST2	M 2.6	0.4 Nm
CTS2.5/CMT4/CMB4/CDL4U/ODL4U/ CGT4U/CTS4UN/CTS4SC/CSTSB3/CSFL4U/ CSDL4U/CKT4U/CPT7.5/DDFL4U/ DDFL4U(E)/DDFL4U(E)LR/CMC1-2/CMC2-2	M 3	0.5 Nm
CTS6/CTS6SC/CTS6U/CSFL6U/CENC4	M 3.5	0.8 Nm
CTS10/10U/CTS16/16U/CSTSN4/B4/CDTTS/ CTS10SC/CGT10U/DDPT/CDTTU/CSTSN4U/STH4	M 4	1.2 Nm
CTS25U/CSTSB5/N5/N5(15)/RN5/N5U/CENC16	M 5	2.0 Nm
CTS35/CTS35U/CENC35/CGT35U/CSTSN6U	M 6.0	2.0 Nm
CTS35L/35LS/CSTSRN6/CSTSN6	M 6.0	2.8 Nm
CTS70L/70LS/CTS95L/95LS	M10.0	10.0 Nm



Representative Picture of Gauge Type A and Type B

Conductor cross-sections and Gauges

Conductor Cross-section

Flexible (sq.mm)	Rigid (solid or stranded) (sq.mm)	Gauge Type A			Gauge Type B		Permissible deviation for a and b
		Marking	Diameter a (mm)	Width b (mm)	Marking	Diameter a (mm)	
1.5	1.5	A1	2.4	1.5	B1	1.9	0 / -0.05
2.5	2.5	A2	2.8	2.0	B2	2.4	0 / -0.05
2.5	4	A3	2.8	2.4	B3	2.7	0 / -0.05
4	6	A4	3.6	3.1	B4	3.5	0 / -0.06
6	10	A5	4.3	4.0	B5	4.4	0 / -0.06
10	16	A6	5.4	5.1	B6	5.3	0 / -0.06
16	25	A7	7.1	6.3	B7	6.9	0 / -0.07
25	35	A8	8.3	7.8	B8	8.2	0 / -0.07
35	50	A9	10.2	9.2	B9	10.0	0 / -0.07
50	70	A10	12.3	11.0	B10	12.0	0 / -0.08
70	95	A11	14.2	13.1	B11	14.0	0 / -0.08
95	120	A12	16.2	15.1	B12	16.0	0 / -0.08
120	150	A13	18.2	17.0	B13	18.0	0 / -0.08
150	185	A14	20.2	19.0	B14	20.0	0 / -0.08
185	240	A15	22.2	21.0	B15	22.0	0 / -0.09
240	300	A16	26.5	24.0	B16	26.0	0 / -0.09

ELECTRICAL DATA

Connectwell Terminal Blocks are standard blocks for industries such as Switchgear, Distribution, Machine Tools Control, Instrumentation Installations, Material Handling Equipments, Process Plants On and Offshore Installations and Panel Board Construction.

Rated Voltage

The voltage rating of the product is assigned in accordance with specifications related to Creepage & Clearance distance defined in respective **EN**, **VDE**, **UL** and **CSA** standards, for the environmental conditions and pollution degrees as given below.

Degree of Pollution

Creepage and clearance distances are evaluated for the following pollution degree :

Pollution degree 1 No pollution or only dry, non-conductive pollution occurs. The pollution has no influence.

Pollution degree 2 Only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be expected.

Pollution degree 3 Conductive pollution occurs or dry, non conductive pollution occurs which becomes conductive due to condensation is to be expected.

Pollution degree 4 The pollution generates persistent conductivity caused by conductive dust or by rain or snow.

Rated Impulse Voltage

The rated impulse voltage of the product is the peak value of an impulse voltage with which the terminal block can be loaded and on which the creepage and clearances according to relevant standard are based.

CTI - Comparative Tracking Index of Insulation material

The insulation material is divided into four groups according to their CTI (Comparative Tracking Index)

Insulation I	**600 ≤ CTI**
Insulation II	**400 ≤ CTI < 600**
Insulation III a	**175 ≤ CTI < 400**
Insulation III b	**100 ≤ CTI < 175**

The Comparative Tracking Index must be defined according to **DIN IEC 112/ VDE 0303 part 1** on specimens made specifically for this purpose with test solution A. The proof-tracking index (PTI) is also used to identify the tracking characteristics of materials. A material may be included in one of the four groups given above on the basis that its PTI, established by the method of IEC 112 using solution A, is equal to or greater than the lower value specified for the Insulation group.

Current carrying capacity of terminal block (DIN EN 60947-7-1/VDE 0611part1: 2000-05)

The data given below is for unprepared conductor ends without ferrules. The rated current for Terminal Blocks with specific functions such as Fuse type, Relays, Terminal Blocks incorporating electronic components is to be specified by manufacturer.

Rated Cross Section (sq.mm)	0.2	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
Test current (A)	4	6	9	13.5	17.5	24	32	41	57	76	101	125	150	192	232	269	309	353	415	520

Current Rating with two wire/conductors

The total current of the two wires / conductors should not exceed the continuous current rating of the Terminal Block. The continuous current rating is the maximum current the terminal block can conduct without a temperature rise of 45 K (as per EN standard) and 30°C (as per UL / CSA standard).

Note

For PE-Terminals only one conductor should be connected per clamping part, in accordance with installation requirement.

TERMINAL BLOCK MATERIAL

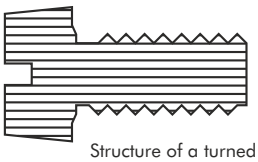
Connectwell Terminal Blocks are made of carefully selected materials, insulating materials, clamping and conducting metals which are subject to strict quality control as demanded by the most stringent international standards.

Clamping Screws

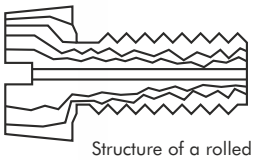
One of the most important parts of the terminal block is its screw. The quality of the connection depends mainly on the quality of the screw. The screw must not get damaged, should withstand a higher torque than what is stipulated in its specification. The screw should not, even at the highest stress weld with the metal of the main thread.

Connectwell Terminal Blocks employ cold forged rolled threaded steel screws. In such screws the material is compressed and therefore strengthened. Whereas, when turned screws are cut, the material from between the threads is removed. Because of this and the stress concentration on the neck of the screw, the turned screw is considerably weaker on strength.

The screws are zinc plated and chromate passivated for a good galvanic surface.



Structure of a turned Screw



Structure of a rolled Screw

Clamping yoke

Clamping yokes in carefully selected grades of steel ensure high torque performance necessary for gas tight connections. The clamping components (both screws and clamping yokes) are electroplated with zinc and passivated by an additional coat of chromate. The Zinc provides a cathodic protection to the steel. Therefore the effect of protection against corrosion is still retained even when the plating is partially damaged by scratches or pores.

The clamping components of some of Connectwells Terminal Blocks are made of copper alloys. Such components are electroplated with either nickel or tin to ensure oxidation free performance.

Current carrying / Conducting components

The current carrying/conducting components / current bars are made of electrolytic grade copper or copper alloy to ensure very low contact resistance. The components are electroplated with tin / nickel to provide an oxidation free contact.

Insulating Material

All the live parts in Terminal Blocks are totally shrouded to minimize the risk of accidental contact in High Grade Melamine or in Engineering Thermoplastic Polyamide 6.6 Housing.

High Grade Melamine

Melamine is a thermosetting material of the amino group pf plastics. Apart from its inherent dielectric properties, it retains its mechanical, electrical and dimensional stability under conditions of heat, cold, damp and dryness to a degree in excess of commercial thermoplastic and phenolic material. It has very good insulation properties and a high resistance to flash over. Since its material is of eroding type rather than carbonising type, its resistance to tracking is also high. The moulded housing is non-hygroscopic, not subject to mould growth, is completely reliable in tropical conditions and can be used in a temperature range of - 55^{0}C to + 130^{0}C.

TERMINAL BLOCK MATERIAL

Polyamide 6.6

Engineering Thermoplastic Polyamide 6.6 has excellent electrical, mechanical and chemical characteristics, even at temperature as high as 105°C. This insulating material has high mechanical strength - it is unbreakable. Its resistance to tracking is similar to Melamine. The Polyamide 6.6 moulded housing absorbs humidity from its surroundings. However, it does not crystallise water in the plastic itself as is the case in thermosetting plastic. The H_20 groups combine within the molecular structure.

Thus moulded plastic housing becomes fracture proof and unbreakable even in sub zero temperature conditions.

Polyamide 6.6 is difficult to ignite, self-extinguishing, burns only as long as there is a supporting flame and is rated V2 according to UL 94. It has excellent resistance to micro organisms, bacteria, enzymes and termites. Good ageing resistance and insensitivity to ultra violet light makes it suitable for tropical and open air applications. Polyamide 6.6 has excellent resistance to fuels, oils, fats and most common solvents like aliphatic and aromatic carbohydrates, ketons and alcohols.

Typical properties of insulation material

Property	Unit	Thermoset High Grade Melamine	Engineering Thermoplastic Polyamide 6.6
Specific Gravity	-	1.5	1.2 - 1.15
Upper Temperature Limit	°C	130	105
Lower Temperature Limit	°C	- 55	- 50
Volume Resistivity	Ohm cm	10^{11}	10^{12}
Surface Resistivity	Ohm	10^{10}	10^{10}
Dielectric Strength	KV/cm	100	400
Trophical Resistance	-	Good	Good
Flammability	Grade	V0	V2 / V0 #
Flexibility	-	-	Excellent

V0 available on request

CE Marking

The CE marking is, in particular, an indication that the products comply with the essential requirements of applicable directives and that the products have been subject to a conformity assessment procedure provided for in the directives. CE marking ensures free trading within Europe. Connectwell terminal blocks are CE marked and the products comply to Low Voltage Directive, 73/23/EEC, Including amendments by the CE marking directive, 93/68/EEC

At Connectwell the Product Development cycle, production & assembly of components and supply are all controlled by an ISO 9001:2008 Quality Management System.

Connectwell Products not only fulfill Customers needs and requirements of standards and specifications but also surpass the same.

Index

The Index gives ready reference of Cat. No. / Type and cross reference of page number.

Abbreviation used:

Colour	Ordering Suffix
Blue	BU
Black	BK
Orange	O
Red	R
Green	GN
Yellow	Y
White	W
Beige	BG

When ordering please add colour suffix to Cat. No.

Example: CTS2.5UNR

Note:
Colours given above are indicative purpose only.

Contact us for colour products that are not listed in Alphabetical index.

Note: CENC4G, CENC16G, CENC35G denotes Grey colour

Note: The product information is carefully compiled and is accurate for most of the application. New findings in materials and process technology necessitate modification of the products. We reserve the right to change / modify the product without intimation. However the changes that take place without notice in no way reduce function or performance of the product.

MKT/7.2/01 OCTOBER 2014 x 5000

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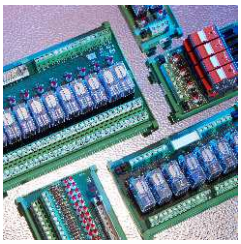
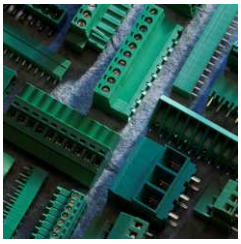
INTERFACE MODULES



PCB TERMINAL BLOCKS



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