

WERNER

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Living Industrial Partnerships

PRODUCT SPECIFICATION

400 Series Vandal Proof Switches & Pilot Lights



www.wernerelektrik.com

Pilot Lights



Standard

IEC60947- 5- 1GB14048.5

Conform to IEC60947- 5- 1GB14048.5 Standard








Technical Specifications

LED Voltage	Operating Voltage Vop (Min to Max)	Operating Current Iop (Typical All Typs)
2VDC (No Resistor)	1.8–2.5VDC	20mA
12VDC	10.8–13.2VDC	20mA
24VDC	21.6–26.4VDC	20mA
28VDC	25.2–30.8VDC	20mA
110VDC	99–121VDC	6mA
230VDC	207–253VDC	3mA

Intensity (Typical) at Iop Standard	Prominent (all voltages)	Flush (all voltages)
Red	7,500mcd	2000mcd
Green	4,100mcd	250mcd
Yellow	2,500mcd	350mcd
Blue	1,300mcd	300mcd
White	1,900mcd	200mcd

Luminous intensity will be reduced with lower operating current.

LED lamp Ratings

Lamp Type	LED Lamp (AC/DC)
Rated Voltage	AC/DC6V AC/DC12V
Rated Current	About 15mA
Colour	Red 
	Amber 
	Yellow 
	Green 
	Blue 
	White 
Life (reference value)	40000 hours (Reference)
Internal Circuit	 <p>Using AC/DC LED lamp, the terminal have no difference of anode and cathode. Using inner resistance for the lamp below 60V. Using 6V lamp when the lamp voltage is above 60V, and need connect outer dropping resistance</p>

DC LED and other voltage can be made to order

Max Reverse Voltage	5V
Viewing Angle	100°
Life Expectancy	50,000 hours
Operating Temp. Range	-40~ +85°C

Model Number Structure - Pilot Lights



400.90.00.02.12.06.00

Series	
400 Series Vandal Proof Switches & Pilot Lights	

Operation Type	
90	Pilot Light (Dome)
91	Pilot Light (Concave)
92	Pilot Light (High)
93	Pilot Light (Flat)

Install Type	
00	Soldering / PCB Type
01	Screw Type

Colour	
02	Red
04	Yellow
05	Green
06	Blue
09	White

Crust Material	
00	Stainless Steel
01	Copper Plated Ni
02	Copper Plated Cr

Install Size	
06	ø6mm
08	ø8mm
12	ø12mm
16	ø16mm
19	ø19mm
22	ø22mm
28	ø28mm
30	ø30mm

Voltage	
12	12V AC/DC
24	24V AC/DC
11	110V AC/DC
23	230/240V AC/DC

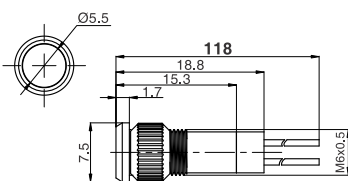
Note: The regular material is Stainless steel, if you want Copper Plated with Ni or Copper Plated with Cr

Pilot Light Model Selection

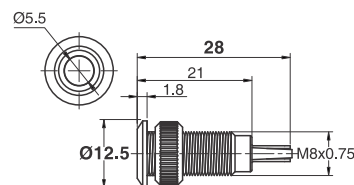
Appearance	Pilot Light Type	Model	Lens Color	Operating Voltage	Size	Crust Material
Domed round 	PCB Type	400.90.00.■.▲.06.●	<div> <div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div> </div> <div>Color Selection:- ■</div>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC <div>Voltage Selection:- ▲</div>	ø6mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr <div>Material Selection:- ●</div>
Domed round 	PCB Type	400.90.00.■.▲.08.●	<div> <div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div> </div> <div>Color Selection:- ■</div>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC <div>Voltage Selection:- ▲</div>	ø8mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr <div>Material Selection:- ●</div>
Concave round 	PCB Type	400.91.00.■.▲.08.●	<div> <div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div> </div> <div>Color Selection:- ■</div>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC <div>Voltage Selection:- ▲</div>	ø8mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr <div>Material Selection:- ●</div>
High round 	PCB Type	400.92.00.■.▲.08.●	<div> <div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div> </div> <div>Color Selection:- ■</div>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC <div>Voltage Selection:- ▲</div>	ø8mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr <div>Material Selection:- ●</div>
Flat round 	PCB Type	400.93.00.■.▲.08.●	<div> <div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div> </div> <div>Color Selection:- ■</div>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC <div>Voltage Selection:- ▲</div>	ø8mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr <div>Material Selection:- ●</div>

Dimensions

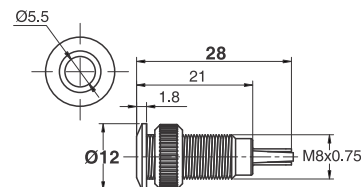
ø6mm Domed round



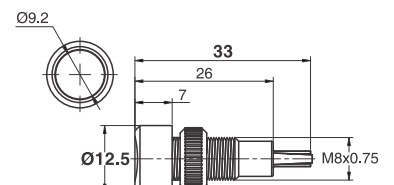
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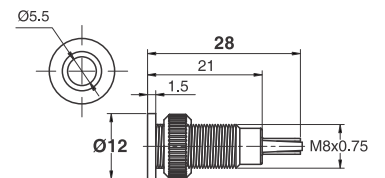
ø8mm Concave round



ø8mm High round



ø8mm Flat round



Pilot Light Model Selection

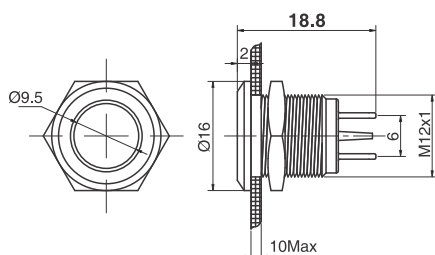
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Flat round 	PCB Type	400.93.00.□.▲.12.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Concave round 	Screw Type	400.91.01.□.▲.12.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	Screw Type	400.93.01.□.▲.12.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●

Dimensions

ø12mm Concave round



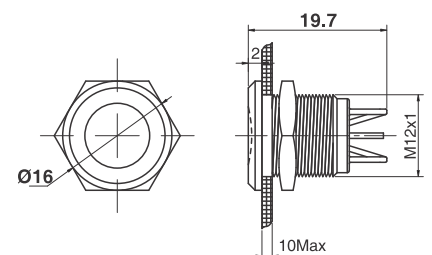
PCB Type



ø12mm Flat round



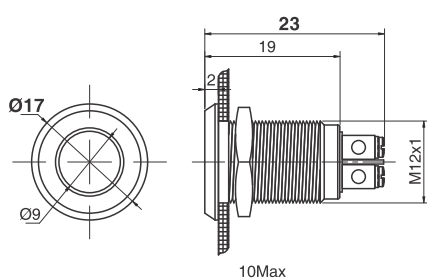
PCB Type



ø12mm Concave round



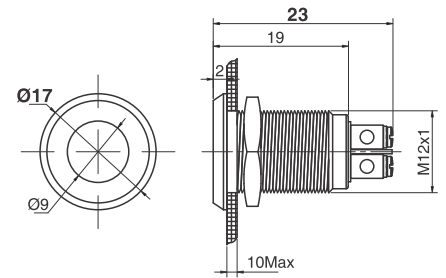
Screw Type



ø12mm Flat round



Screw Type



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Pilot Light Model Selection

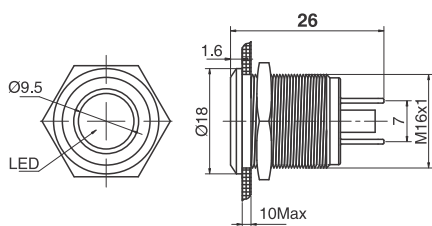
Appearance	Pilot Light Type	Model	Lens Color	Operating Voltage	Size	Crust Material
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Flat round 	PCB Type	400.93.00.□.△.16.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- △	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Concave round 	Screw Type	400.91.01.□.△.16.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- △	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	Screw Type	400.93.01.□.△.16.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- △	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●

Dimensions

ø16mm Concave round



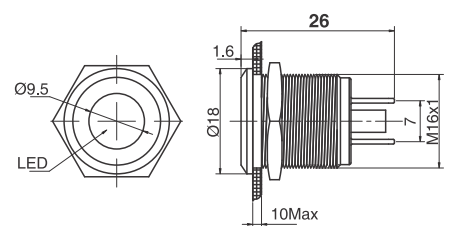
PCB Type



ø16mm Flat round



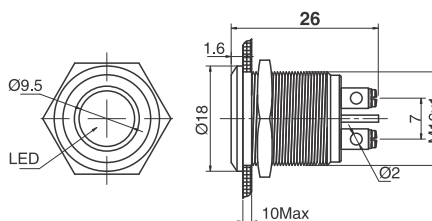
PCB Type



ø16mm Concave round



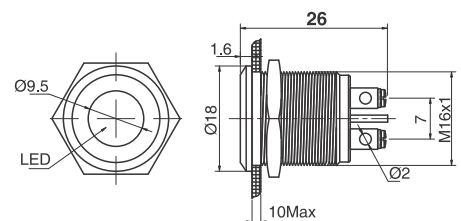
Screw Type



ø16mm Flat round




Screw Type



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Pilot Light Model Selection

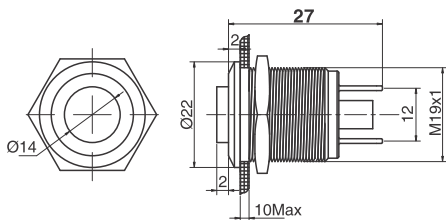
Appearance	Pilot Light Type	Model	Lens Color	Operating Voltage	Size	Crust Material
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Flat round 	PCB Type	400.93.00.□.△.19.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- △	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
High round 	Screw Type	400.91.01.□.△.19.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- △	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	Screw Type	400.93.01.□.△.19.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- △	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●

Dimensions

ø19mm Concave round



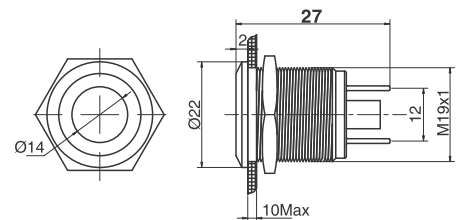
PCB Type



ø19mm Flat round



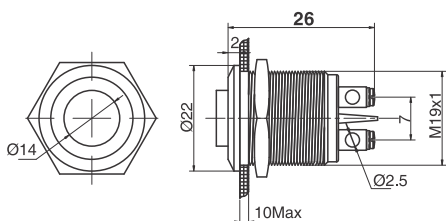
PCB Type



ø19mm Concave round



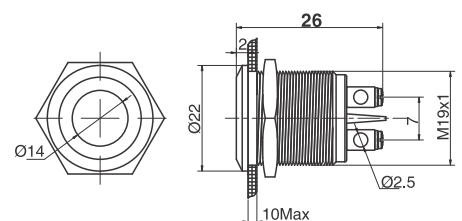
Screw Type



ø19mm Flat round



Screw Type



400 Series Vandal Proof Switches & Pilot Lights

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Pilot Light Model Selection

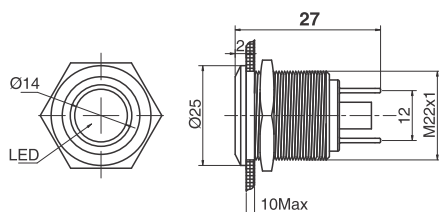
Appearance	Pilot Light Type	Model	Lens Color	Operating Voltage	Size	Crust Material
Concave round 	PCB Type	400.91.00.□.▲.22.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	PCB Type	400.93.00.□.▲.22.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Concave round 	Screw Type	400.91.01.□.▲.22.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	Screw Type	400.93.01.□.▲.22.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●

Dimensions

ø22mm Concave round



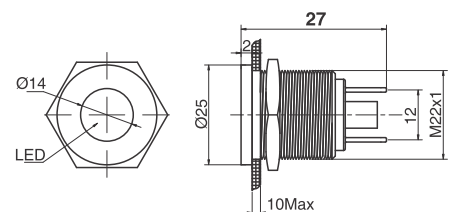
PCB Type



ø22mm Flat round



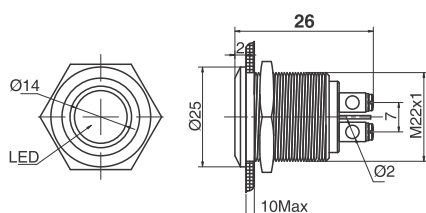
PCB Type



ø22mm Concave round



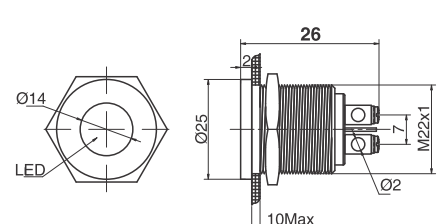
Screw Type



ø22mm Flat round







Screw Type



400 Series Vandal Proof Switches & Pilot Lights

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Pilot Light Model Selection

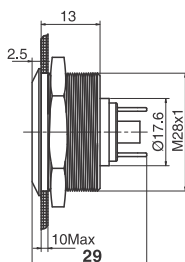
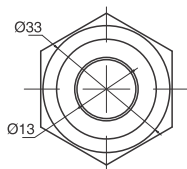
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Concave round 	PCB Type	400.91.00.□.▲.28.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø28mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	PCB Type	400.93.00.□.▲.28.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø28mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Concave round 	Screw Type	400.91.01.□.▲.28.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø28mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	Screw Type	400.93.01.□.▲.28.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø28mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●

Dimensions

ø22mm Concave round



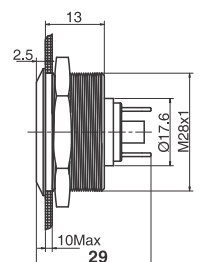
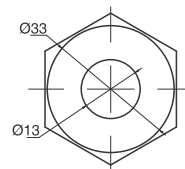
PCB Type



ø22mm Flat round



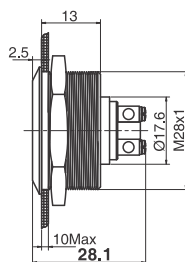
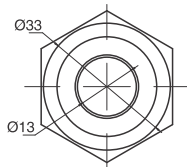
PCB Type



ø22mm Concave round



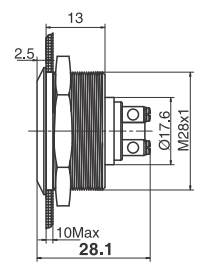
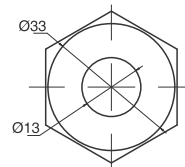
Screw Type



ø22mm Flat round







Screw Type



400 Series Vandal Proof Switches & Pilot Lights

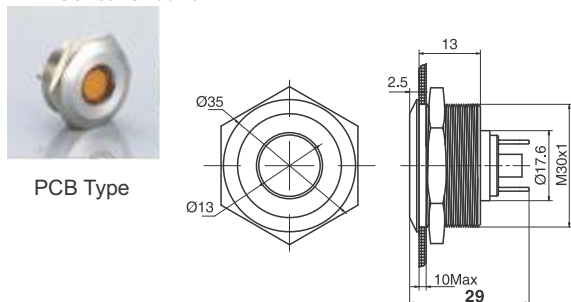
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Pilot Light Model Selection

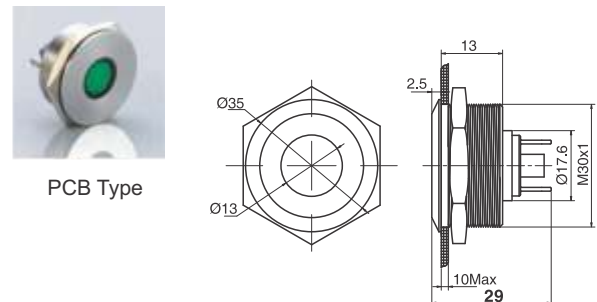
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Flat round 	PCB Type	400.93.00.□.▲.30.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Concave round 	Screw Type	400.91.01.□.▲.30.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
Flat round 	Screw Type	400.93.01.□.▲.30.●	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- □	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- ▲	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●

Dimensions

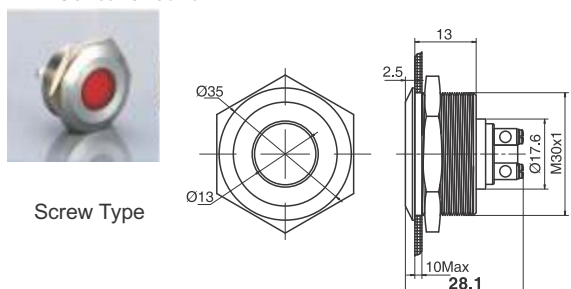
ø22mm Concave round



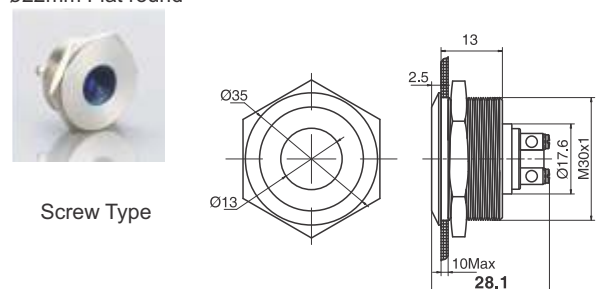
ø22mm Flat round



ø22mm Concave round



ø22mm Flat round



Pushbutton

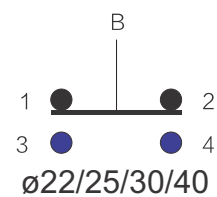
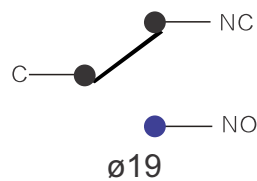
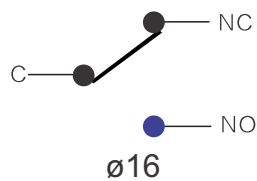
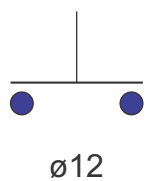


Standard

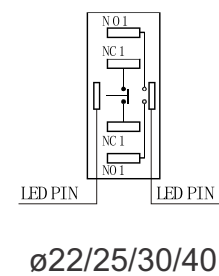
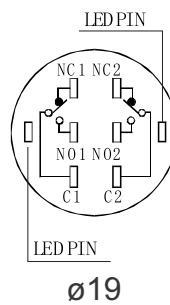
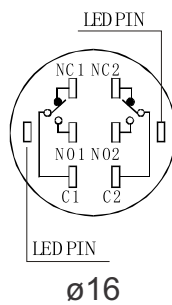
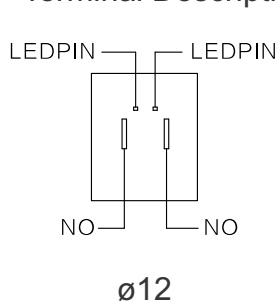
IEC60947- 5- 1GB14048.5

Conform to IEC60947- 5- 1GB14048.5 Standard

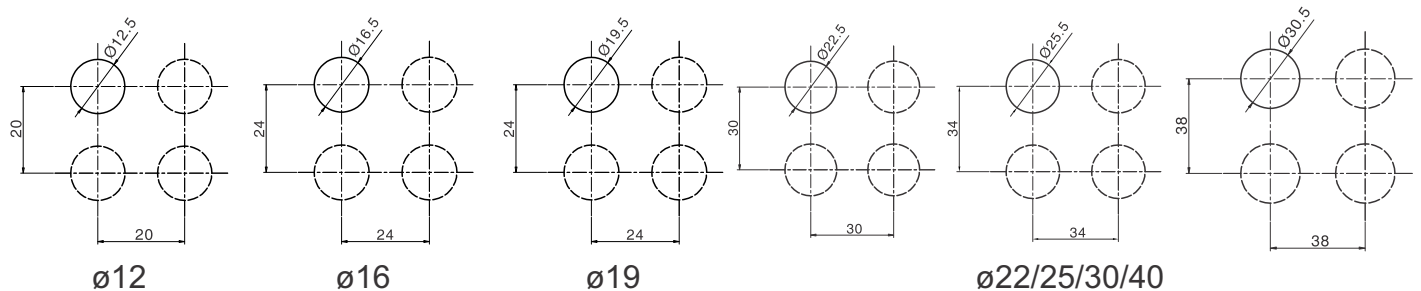
• Contact Style



• Terminal Description









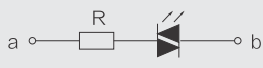
• Install Size



Specifications

Degree of Protection	IP67
Maximum Voltage	250V AC/DC
Thermal Current	5A
Minimum Application Load	5V AC/DC, 1mA
Contact Material	Gold plated silver
Terminal Style	110" Solder/Quick Connect
Operating Temperature	-25° to 55°C
Operating Humidity	45 to 85% RH
Contact Resistance	50MΩmaximum
Insulation Resistance	100MΩminimum (500V DC megger)
Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p
Degree of Protection	>10g
Electrical Life	100,000 operations minimum (at full rated load)
Mechanical Life	Maintained: 1,000,000 operations minimum Momentary: 1,000,000 operations minimum
Dielectric Life	Switch Unit: 2,000V AC, 1 min. between live/dead part and terminals of different poles; 1,000V AC, 1 min. between terminals of the same pole; 1,500V AC, 1 min. between contact and lamp terminals. Illumination Unit: 2,000V AC, 1 min. between live part/ground
Soldering Temperature	20W/5 seconds or 260°C/3 seconds

LED lamp Ratings

Lamp Type	LED Lamp (AC/DC)	
Rated Voltage	AC/DC6V	AC/DC12V
Rated Current	About 15mA	
Colour	Red	
	Amber	
	Yellow	
	Green	
	Blue	
	White	
Life (reference value)	40000 hours (Reference)	
Internal Circuit	 <p>Using AC/DC LED lamp, the terminal have no difference of anode and cathode. Using inner resistance for the lamp below 60V. Using 6V lamp when the lamp voltage is above 60V, and need connect outer dropping resistance</p>	

DC LED and other voltage can be made to order

Contact Ratings

Rated Insulation voltage			250			
Heating current Ith			Temperature does not exceed the maximum allowed current			
Rated voltage			12V	24V	110V	220V
Rated current	AC 50/60Hz	Resistive load	—	—	5A	3A
		Inductive load	—	—	3A	2A
	DC	Resistive load	5A	5A	1A	0.5A
		Inductive load	2A	2A	0.2A	0.1A
Contact material			Silver Plated Gold			







Minimum load: 3V AC/DC 5mA(Refernce value)



Use the range depends on the use of environment and the type of load

Ratings

working voltage			24V	110V	220V
Contact Parameter	AC 50/60Hz	Resistive load	—	1.0A	0.5A
		Inductive load	—	0.7A	0.5A
	DC	Resistive load	1.0A	0.2A	
		Inductive load	0.7A	0.1A	

Contact Ratings

ø12/16/19			
Type	No.1	No.2	No.3
Sign			
Diagram			
Explanation	Using two terminals, double-break and slow -motion contact. Y type NC switch can be made to order for individual product, please check the product description.		

ø22/25/30/40			
Type	Sign	Diagram	Explanation
No.2			Using two terminals, double-break and slow -motion contact. Y type NC switch can be made to order for individual product, please check the product description.

Max Reverse Voltage	5V
Viewing Angle	100°
Life Expectancy	50,000 hours
Operating Temp. Range	-40 +85°C



400.10.11.12.12.00.00.00

Series	
400 Series Vandal Proof Switches & Pilot Lights	

Operation Type		
10	Flat round	Momentary
11	Extended round	Momentary
12	Dome round	Momentary
13	Illuminated Flat Ring round	Momentary
14	Illuminated Extended Ring round	Momentary
15	Illuminated Dot round	Momentary
16	Illuminated Extended Dot round	Momentary
17	Illuminated Dome Round	Momentary
20	Flat round	Maintained
21	Extended round	Maintained
22	Dome round	Maintained
23	Illuminated Flat Ring round	Maintained
24	Illuminated Extended Ring round	Maintained
25	Illuminated Dot round	Maintained
26	Illuminated Extended Dot round	Maintained
27	Illuminated Dome Round	Maintained

00	Without Electromechanical
01	With Electromechanical only in ø16mm

Crust Material	
00	Stainless Steel
01	Copper Plated Ni
02	Copper Plated Cr

Voltage	
12	12V AC/DC
24	24V AC/DC
11	110V AC/DC
23	230/240V AC/DC

Colour	
00	Without LED
02	Red
04	Yellow
05	Green
06	Blue
09	White



Install Size	
12	ø12mm
16	ø16mm
19	ø19mm
22	ø22mm
25	ø25mm
30	ø30mm
40	ø40mm

Contact	
11	1NO-1NC
22	2NO-2NC

Note: "Electromechanical" only in ø16mm

Note: The regular material is Stainless steel, if you want Copper Plated with Ni or Copper Plated with Cr

Non Illuminated Pushbutton Model Selection

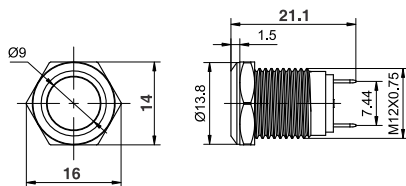
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.12.00.00.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.12.00.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.12.00.00.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.12.00.00.00		
Flat round 	Without LED	Maintained	11:1NO + 1NC	400.20.11.12.00.00.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.20.22.12.00.00.00		
Extended round 	Without LED	Maintained	11:1NO + 1NC	400.21.11.12.00.00.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.21.22.12.00.00.00		

Dimensions

ø12mm Flat round



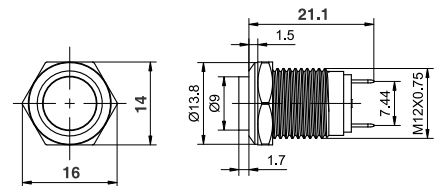
1 Pole
2 Pole



ø12mm Extended round



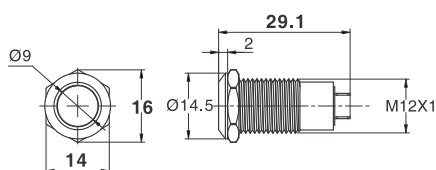
1 Pole
2 Pole



ø12mm Flat round



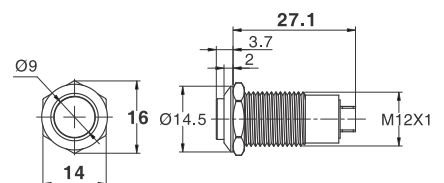
1 Pole
2 Pole



ø12mm Extended round



1 Pole
2 Pole



Non Illuminated Pushbutton Model Selection

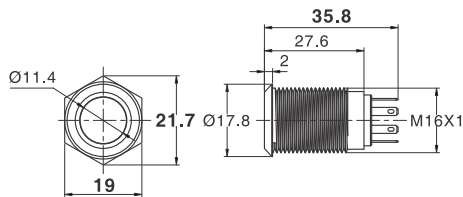
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.16.00.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.16.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.16.00.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.16.00.00		
Flat round 	Without LED	Maintained	11:1NO + 1NC	400.20.11.16.00.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.20.22.16.00.00		
Extended round 	Without LED	Maintained	11:1NO + 1NC	400.21.11.16.00.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.21.22.16.00.00		

Dimensions

ø16mm Flat round



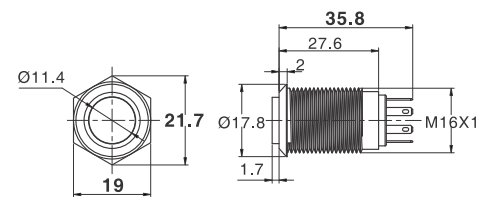
1 Pole
2 Pole



ø16mm Extended round



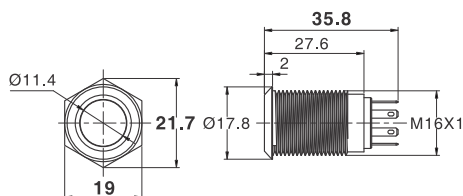
1 Pole
2 Pole



ø16mm Flat round



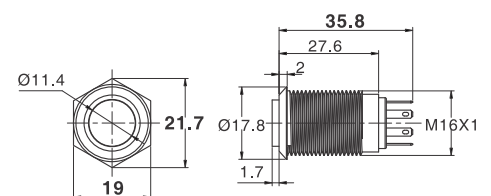
1 Pole
2 Pole











ø16mm Extended round



1 Pole
2 Pole



Non Illuminated Pushbutton Model Selection

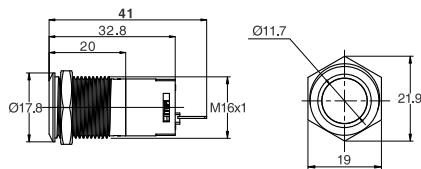
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round Electromechanical 	Without LED	Momentary	11:1NO + 1NC	400.10.11.16.00.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.16.00.01		
Extended round Electromechanical 	Without LED	Momentary	11:1NO + 1NC	400.11.11.16.00.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.16.00.01		
Flat round Electromechanical 	Without LED	Maintained	11:1NO + 1NC	400.20.11.16.00.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.20.22.16.00.01		
Extended round Electromechanical 	Without LED	Maintained	11:1NO + 1NC	400.21.11.16.00.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.21.22.16.00.01		

Dimensions

ø16mm Flat round Electromechanical



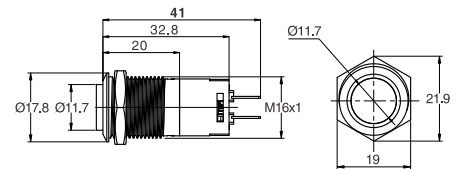
1 Pole
2 Pole



ø16mm Extended round Electromechanical



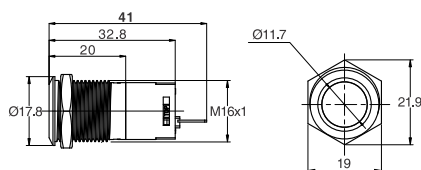
1 Pole
2 Pole



ø16mm Flat round Electromechanical



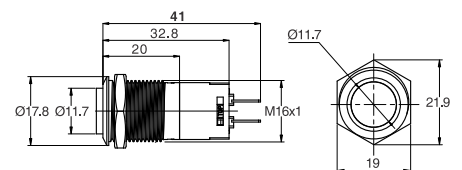
1 Pole
2 Pole









ø16mm Extended round Electromechanical



1 Pole
2 Pole



Non Illuminated Pushbutton Model Selection

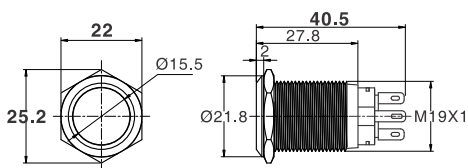
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.19.00.00.00	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.19.00.00.00		
		Maintained	11:1NO + 1NC	400.10.11.19.00.00.00		
			22:2NO + 2NC	400.10.22.19.00.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.19.00.00.00	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.19.00.00.00		
		Maintained	11:1NO + 1NC	400.11.11.19.00.00.00		
			22:2NO + 2NC	400.11.22.19.00.00.00		
Dome round 	Without LED	Momentary	11:1NO + 1NC	400.12.11.19.00.00.00	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.12.22.19.00.00.00		
		Maintained	11:1NO + 1NC	400.22.11.19.00.00.00		
			22:2NO + 2NC	400.22.22.19.00.00.00		

Dimensions

ø19mm Flat round



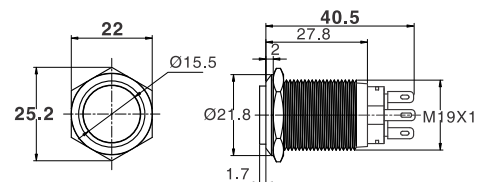
1 Pole
2 Pole



ø19mm Extended round



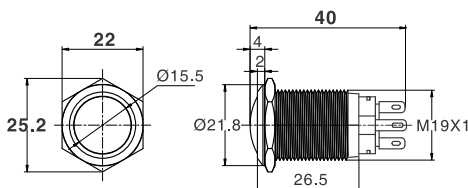
1 Pole
2 Pole









ø19mm Dome round



1 Pole
2 Pole



Non Illuminated Pushbutton Model Selection

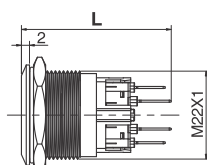
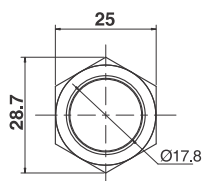
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.22.00.00.00	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.22.00.00.00		
		Maintained	11:1NO + 1NC	400.10.11.22.00.00.00		
			22:2NO + 2NC	400.10.22.22.00.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.22.00.00.00	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.22.00.00.00		
		Maintained	11:1NO + 1NC	400.11.11.22.00.00.00		
			22:2NO + 2NC	400.11.22.22.00.00.00		
Dome round 	Without LED	Momentary	11:1NO + 1NC	400.12.11.22.00.00.00	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.12.22.22.00.00.00		
		Maintained	11:1NO + 1NC	400.22.11.22.00.00.00		
			22:2NO + 2NC	400.22.22.22.00.00.00		

Dimensions

ø22mm Flat round



1 Pole
2 Pole

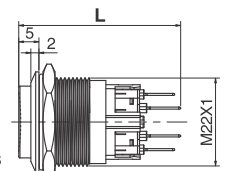
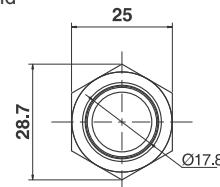


L: 37.15mm
42.5mm

ø22mm Extended round



1 Pole
2 Pole

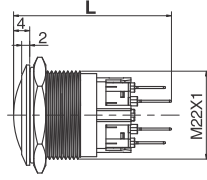
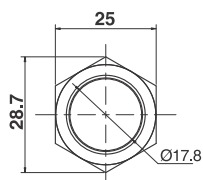


L: 40.15mm
45.5mm

ø22mm Dome round









1 Pole
2 Pole



L: 39.15mm
44.5mm

Non Illuminated Pushbutton Model Selection

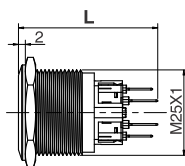
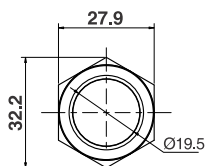
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.25.00.00.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.25.00.00.00		
		Maintained	11:1NO + 1NC	400.10.11.25.00.00.00		
			22:2NO + 2NC	400.10.22.25.00.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.25.00.00.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.25.00.00.00		
		Maintained	11:1NO + 1NC	400.11.11.25.00.00.00		
			22:2NO + 2NC	400.11.22.25.00.00.00		
Dome round 	Without LED	Momentary	11:1NO + 1NC	400.12.11.25.00.00.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.12.22.25.00.00.00		
		Maintained	11:1NO + 1NC	400.22.11.25.00.00.00		
			22:2NO + 2NC	400.22.22.25.00.00.00		

Dimensions

ø25mm Flat round



1 Pole
2 Pole

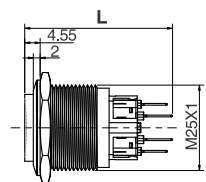
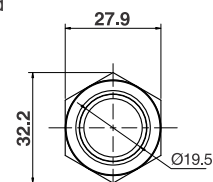


L: 40.6mm
42.25mm

ø25mm Extended round



1 Pole
2 Pole

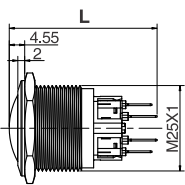
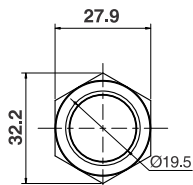


L: 43.15mm
44.8mm

ø25mm Dome round









1 Pole
2 Pole



L: 43.15mm
44.8mm

Non Illuminated Pushbutton Model Selection

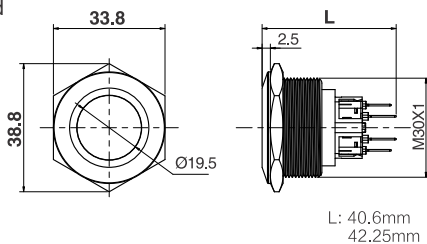
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.30.00.00.00	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.30.00.00.00		
		Maintained	11:1NO + 1NC	400.10.11.30.00.00.00		
			22:2NO + 2NC	400.10.22.30.00.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.30.00.00.00	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.30.00.00.00		
		Maintained	11:1NO + 1NC	400.11.11.30.00.00.00		
			22:2NO + 2NC	400.11.22.30.00.00.00		
Dome round 	Without LED	Momentary	11:1NO + 1NC	400.12.11.30.00.00.00	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.12.22.30.00.00.00		
		Maintained	11:1NO + 1NC	400.22.11.30.00.00.00		
			22:2NO + 2NC	400.22.22.30.00.00.00		

Dimensions

ø30mm Flat round



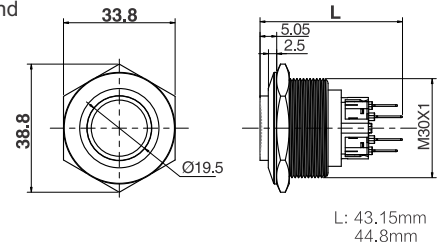
1 Pole
2 Pole



ø30mm Extended round



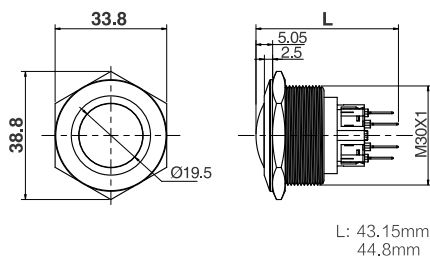
1 Pole
2 Pole









ø30mm Dome round



1 Pole
2 Pole



Non Illuminated Pushbutton Model Selection

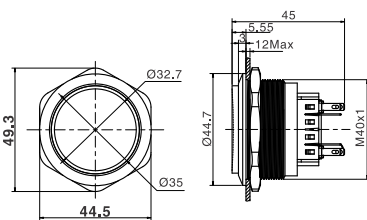
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Flat round 	Without LED	Momentary	11:1NO + 1NC	400.10.11.40.00.00	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.10.22.40.00.00		
		Maintained	11:1NO + 1NC	400.10.11.40.00.00		
			22:2NO + 2NC	400.10.22.40.00.00		
Extended round 	Without LED	Momentary	11:1NO + 1NC	400.11.11.40.00.00	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.11.22.40.00.00		
		Maintained	11:1NO + 1NC	400.11.11.40.00.00		
			22:2NO + 2NC	400.11.22.40.00.00		
Dome round 	Without LED	Momentary	11:1NO + 1NC	400.12.11.40.00.00	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:2NO + 2NC	400.12.22.40.00.00		
		Maintained	11:1NO + 1NC	400.22.11.40.00.00		
			22:2NO + 2NC	400.22.22.40.00.00		

Dimensions

ø40mm Flat round



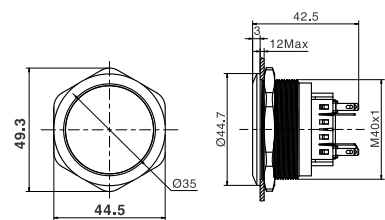
1 Pole
2 Pole



ø40mm Extended round



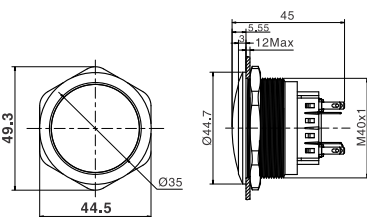
1 Pole
2 Pole



ø40mm Dome round



1 Pole
2 Pole



400 Series Vandal Proof Switches & Pilot Lights

WERNER

Illuminated Pushbutton Model Selection

Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Extended Ring round 	WithLED	Momentary	11:1NO + 1NC	400.14.11.12.□.▲.●.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.14.22.12.□.▲.●.00		
Illuminated Flat Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.12.□.▲.●.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.15.22.12.□.▲.●.00		
Illuminated Extended Dot round 	WithLED	Momentary	11:1NO + 1NC	400.16.11.12.□.▲.●.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.16.22.12.□.▲.●.00		
Illuminated Extended Ring round 	WithLED	Maintained	11:1NO + 1NC	400.24.11.12.□.▲.●.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.24.22.12.□.▲.●.00		
Illuminated Flat Dot round 	WithLED	Maintained	11:1NO + 1NC	400.25.11.12.□.▲.●.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.25.22.12.□.▲.●.00		
Illuminated Extended Dot round 	WithLED	Maintained	11:1NO + 1NC	400.26.11.12.□.▲.●.00	ø12mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.26.22.12.□.▲.●.00		

Note: For Selection Color : □
 For Selection Voltage : ▲
 For Selection Material : ●

<div> <div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div> </div> <div> Color Selection:- □ </div>	<div> <div>12: 12VDC</div> <div>24: 24VDC</div> <div>11: 110VAC</div> <div>23: 230VAC</div> </div> <div> Voltage Selection:- ▲ </div>
--	---

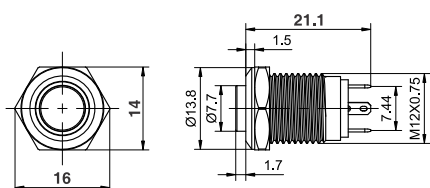
Illuminated Pushbutton Model Selection

Dimensions

Illuminated Extended Ring
round



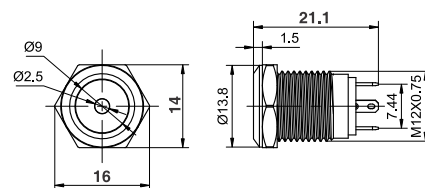
1 Pole
2 Pole



Illuminated Flat Dot round



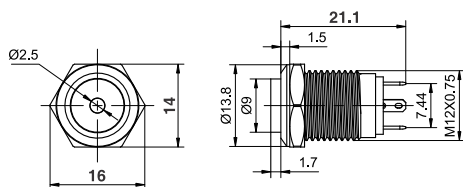
1 Pole
2 Pole



Illuminated Extended Dot
round



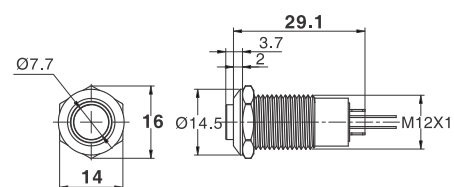
1 Pole
2 Pole



Illuminated Extended Ring
round



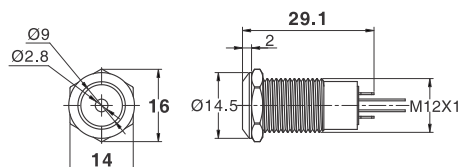
1 Pole
2 Pole



Illuminated Flat Dot round



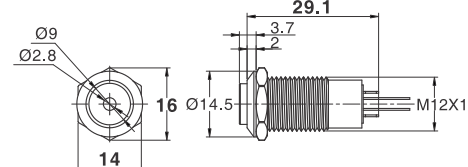
1 Pole
2 Pole



Illuminated Extended Dot
round



1 Pole
2 Pole



Illuminated Pushbutton Model Selection

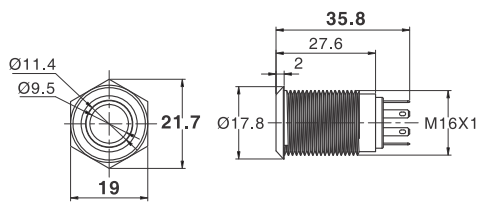
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat Ring round 	WithLED	Momentary	11:1NO + 1NC	400.13.11.16.□.△.○.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.13.11.16.□.△.○.00		
		Maintained	11:1NO + 1NC	400.23.22.16.□.△.○.00		
			22:2NO + 2NC	400.23.22.16.□.△.○.00		
Illuminated Extended Ring round 	WithLED	Momentary	11:1NO + 1NC	400.14.11.16.□.△.○.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.14.11.16.□.△.○.00		
		Maintained	11:1NO + 1NC	400.24.22.16.□.△.○.00		
			22:2NO + 2NC	400.24.22.16.□.△.○.00		
Illuminated Flat Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.16.□.△.○.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.15.11.16.□.△.○.00		
		Maintained	11:1NO + 1NC	400.25.22.16.□.△.○.00		
			22:2NO + 2NC	400.25.22.16.□.△.○.00		
Illuminated Extended Dot round 	WithLED	Momentary	11:1NO + 1NC	400.16.11.16.□.△.○.00	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.16.22.16.□.△.○.00		
		Maintained	11:1NO + 1NC	400.26.22.16.□.△.○.00		
			22:2NO + 2NC	400.26.22.16.□.△.○.00		

Dimensions

ø16mm Illuminated Flat Ring round



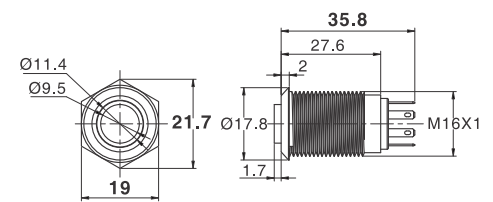
1 Pole
2 Pole



ø16mm Illuminated Extended Ring round



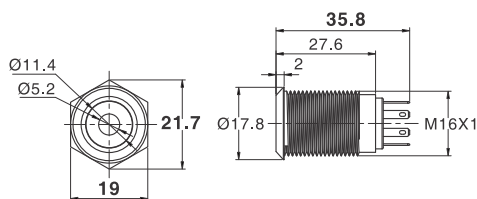
1 Pole
2 Pole



ø16mm Illuminated Flat Dot round



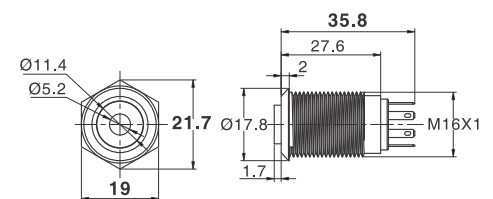
1 Pole
2 Pole



ø16mm Illuminated Extended Dot round







1 Pole
2 Pole



Note: For Color Selection and Voltage Selection Please Refer page no. 21

Illuminated Pushbutton Model Selection

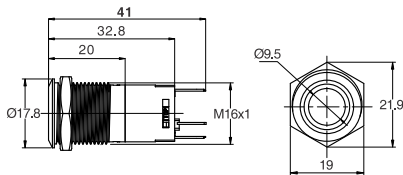
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat round Electromechanical 	WithLED	Momentary	11:1NO + 1NC	400.13.11.16.■.▲.●.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.13.11.16.■.▲.●.01		
		Maintained	11:1NO + 1NC	400.23.22.16.■.▲.●.01		
			22:2NO + 2NC	400.23.22.16.■.▲.●.01		
Illuminated Extended round Electromechanical 	WithLED	Momentary	11:1NO + 1NC	400.14.11.16.■.▲.●.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.14.11.16.■.▲.●.01		
		Maintained	11:1NO + 1NC	400.24.22.16.■.▲.●.01		
			22:2NO + 2NC	400.24.22.16.■.▲.●.01		
Illuminated Flat round Electromechanical 	WithLED	Momentary	11:1NO + 1NC	400.15.11.16.■.▲.●.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.15.11.16.■.▲.●.01		
		Maintained	11:1NO + 1NC	400.25.22.16.■.▲.●.01		
			22:2NO + 2NC	400.25.22.16.■.▲.●.01		
Illuminated Extended round Electromechanical 	WithLED	Momentary	11:1NO + 1NC	400.16.11.16.■.▲.●.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.16.22.16.■.▲.●.01		
		Maintained	11:1NO + 1NC	400.26.22.16.■.▲.●.01		
			22:2NO + 2NC	400.26.22.16.■.▲.●.01		

Dimensions

ø16mm Illuminated Flat Ring round Electromechanical



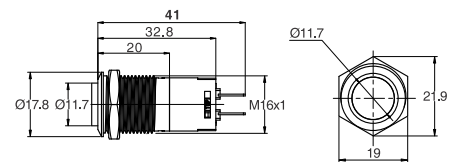
1 Pole
2 Pole



ø16mm Illuminated Extended Ring round Electromechanical



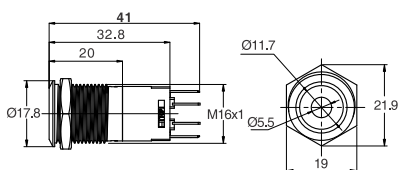
1 Pole
2 Pole



ø16mm Illuminated Flat Dot round Electromechanical



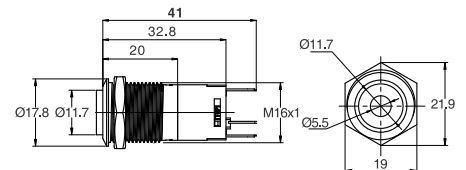
1 Pole
2 Pole



ø16mm Illuminated Extended Dot round Electromechanical






1 Pole
2 Pole



Note: For Color Selection and Voltage Selection Please Refer page no. 21

Illuminated Pushbutton Model Selection

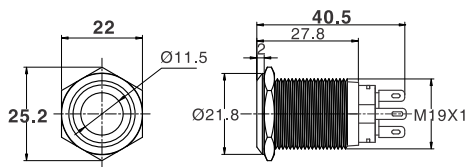
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat Ring round 	WithLED	Momentary	11:1NO + 1NC	400.13.11.19.□.▲.○.01	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.13.11.19.□.▲.○.01		
		Maintained	11:1NO + 1NC	400.23.22.19.□.▲.○.01		
			22:2NO + 2NC	400.23.22.19.□.▲.○.01		
Illuminated Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.19.□.▲.○.01	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.15.11.19.□.▲.○.01		
		Maintained	11:1NO + 1NC	400.25.22.19.□.▲.○.01		
			22:2NO + 2NC	400.25.22.19.□.▲.○.01		
Illuminated Dome Ring round 	WithLED	Momentary	11:1NO + 1NC	400.17.11.19.□.▲.○.01	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ○
			22:2NO + 2NC	400.17.11.19.□.▲.○.01		
		Maintained	11:1NO + 1NC	400.27.22.19.□.▲.○.01		
			22:2NO + 2NC	400.27.22.19.□.▲.○.01		

Dimensions

ø19mm Illuminated Flat Ring round



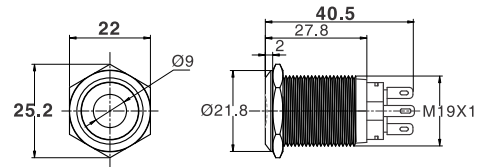
1 Pole
2 Pole



ø19mm Illuminated Dot round



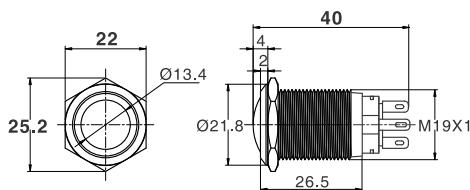
1 Pole
2 Pole



ø19mm Illuminated Dome Ring round



1 Pole
2 Pole



02: Red	12: 12VDC
04: Yellow	24: 24VDC
05: Green	11: 110VAC
06: Blue	23: 230VAC
09: White	
Color Selection:- □	Voltage Selection:- ▲




Note: For Selection Color : □
 For Selection Voltage : ▲
 For Selection Material : ○

Note: For Color Selection and Voltage Selection Please Refer page no. 21

400 Series Vandal Proof Switches & Pilot Lights

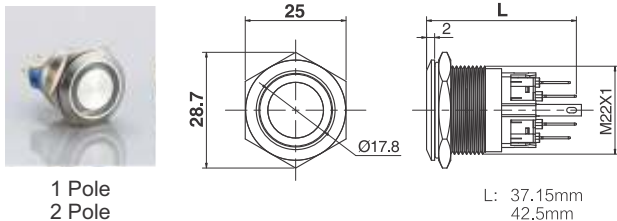
WERNER

Illuminated Pushbutton Model Selection

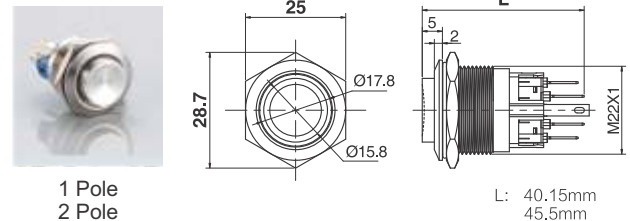
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat Ring round 	WithLED	Momentary	11:1NO + 1NC	400.13.11.22.■▲●.00	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.13.11.22.■▲●.00		
		Maintained	11:1NO + 1NC	400.23.22.22.■▲●.00		
			22:2NO + 2NC	400.23.22.22.■▲●.00		
Illuminated Extended Ring round 	WithLED	Momentary	11:1NO + 1NC	400.14.11.22.■▲●.00	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.14.11.22.■▲●.00		
		Maintained	11:1NO + 1NC	400.24.22.22.■▲●.00		
			22:2NO + 2NC	400.24.22.22.■▲●.00		
Illuminated Flat Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.22.■▲●.00	ø22mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.15.11.22.■▲●.00		
		Maintained	11:1NO + 1NC	400.25.22.22.■▲●.00		
			22:2NO + 2NC	400.25.22.22.■▲●.00		

Dimensions

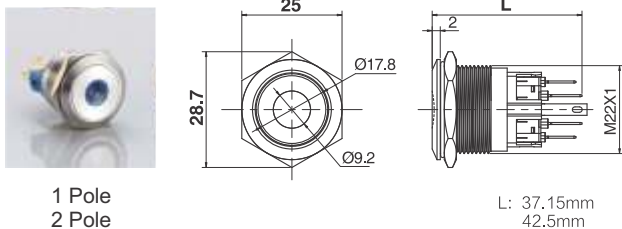
ø22mm Illuminated Flat Ring round



ø22mm Illuminated Extended Flat round



ø22mm Illuminated Dot round



02: Red	12: 12VDC
04: Yellow	24: 24VDC
05: Green	11: 110VAC
06: Blue	23: 230VAC
09: White	
Color Selection:- ■	Voltage Selection:- ▲

Note: For Selection Color : ■
For Selection Voltage : ▲
For Selection Material : ●

Note: For Color Selection and Voltage Selection Please Refer page no. 21

Illuminated Pushbutton Model Selection

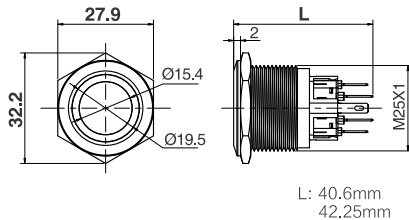
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat Ring round 	WithLED	Momentary	11:1NO + 1NC	400.13.11.25.■.▲.●.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.13.11.25.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.23.22.25.■.▲.●.00		
			22:2NO + 2NC	400.23.22.25.■.▲.●.00		
Illuminated Extended Ring round 	WithLED	Momentary	11:1NO + 1NC	400.14.11.25.■.▲.●.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.14.11.25.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.24.22.25.■.▲.●.00		
			22:2NO + 2NC	400.24.22.25.■.▲.●.00		
Illuminated Flat Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.25.■.▲.●.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.15.11.25.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.25.22.25.■.▲.●.00		
			22:2NO + 2NC	400.25.22.25.■.▲.●.00		
Illuminated Dome Ring round 	WithLED	Momentary	11:1NO + 1NC	400.17.11.25.■.▲.●.00	ø25mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.17.11.25.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.27.22.25.■.▲.●.00		
			22:2NO + 2NC	400.27.22.25.■.▲.●.00		

Dimensions

ø25mm Illuminated Flat Ring round



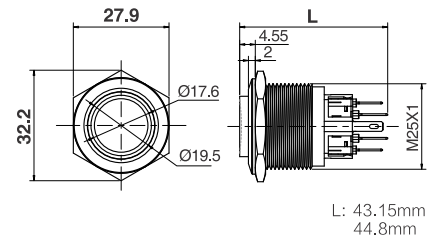
1 Pole
2 Pole



ø25mm Illuminated Extended Flat round



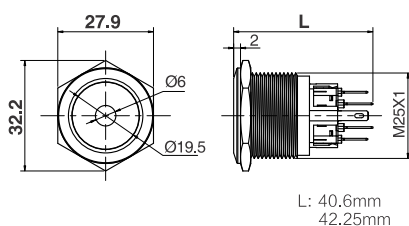
1 Pole
2 Pole



ø25mm Illuminated Dot round



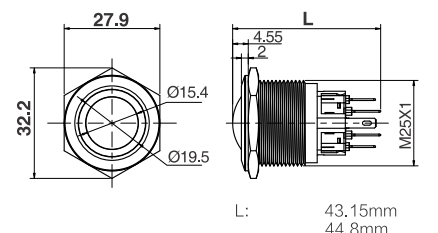
1 Pole
2 Pole



ø25mm Illuminated Dome Ring round



1 Pole
2 Pole



Note: For Color Selection and Voltage Selection Please Refer page no. 21

Illuminated Pushbutton Model Selection

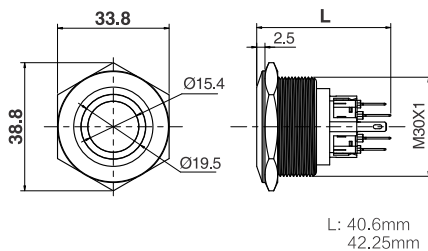
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat Ring round 	WithLED	Momentary	11:1NO + 1NC	400.13.11.30.■.▲.●.00	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.13.11.30.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.23.22.30.■.▲.●.00		
			22:2NO + 2NC	400.23.22.30.■.▲.●.00		
Illuminated Extended Ring round 	WithLED	Momentary	11:1NO + 1NC	400.14.11.30.■.▲.●.00	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.14.11.30.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.24.22.30.■.▲.●.00		
			22:2NO + 2NC	400.24.22.30.■.▲.●.00		
Illuminated Flat Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.30.■.▲.●.00	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.15.11.30.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.25.22.30.■.▲.●.00		
			22:2NO + 2NC	400.25.22.30.■.▲.●.00		
Illuminated Dome Ring round 	WithLED	Momentary	11:1NO + 1NC	400.17.11.30.■.▲.●.01	ø30mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.17.11.30.■.▲.●.01		
		Maintained	11:1NO + 1NC	400.27.22.30.■.▲.●.01		
			22:2NO + 2NC	400.27.22.30.■.▲.●.01		

Dimensions

ø30mm Illuminated Flat Ring round



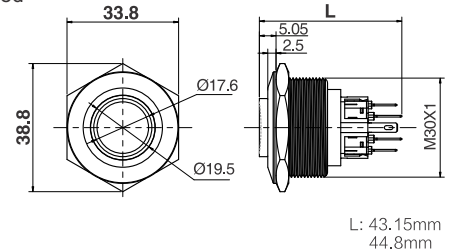
1 Pole
2 Pole



ø30mm Illuminated Extended Flat round



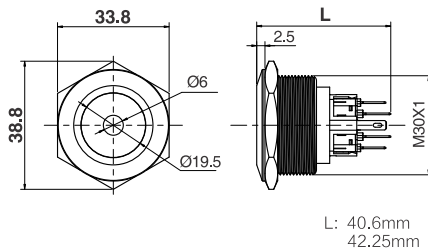
1 Pole
2 Pole



ø30mm Illuminated Dot round



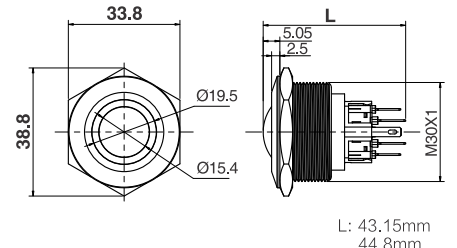
1 Pole
2 Pole



ø30mm Illuminated Dome Ring round



1 Pole
2 Pole



Note: For Color Selection and Voltage Selection Please Refer page no. 21

400 Series Vandal Proof Switches & Pilot Lights

WERNER

Illuminated Pushbutton Model Selection

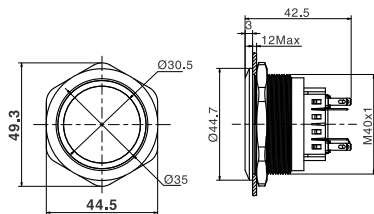
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Illuminated Flat Ring round 	WithLED	Momentary	11:1NO + 1NC	400.13.11.40.■.▲.●.00	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.13.11.40.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.23.22.40.■.▲.●.00		
			22:2NO + 2NC	400.23.22.40.■.▲.●.00		
Illuminated Extended Ring round 	WithLED	Momentary	11:1NO + 1NC	400.14.11.40.■.▲.●.00	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.14.11.40.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.24.22.40.■.▲.●.00		
			22:2NO + 2NC	400.24.22.40.■.▲.●.00		
Illuminated Flat Dot round 	WithLED	Momentary	11:1NO + 1NC	400.15.11.40.■.▲.●.00	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.15.11.40.■.▲.●.00		
		Maintained	11:1NO + 1NC	400.25.22.40.■.▲.●.00		
			22:2NO + 2NC	400.25.22.40.■.▲.●.00		
Illuminated Dome Ring round 	WithLED	Momentary	11:1NO + 1NC	400.17.11.40.■.▲.●.01	ø40mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:2NO + 2NC	400.17.11.40.■.▲.●.01		
		Maintained	11:1NO + 1NC	400.27.22.40.■.▲.●.01		
			22:2NO + 2NC	400.27.22.40.■.▲.●.01		

Dimensions

ø40mm Illuminated Flat Ring round



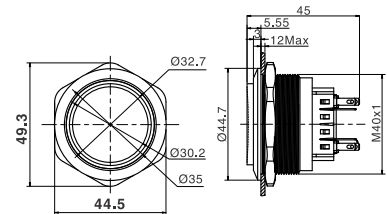
1 Pole
2 Pole



ø40mm Illuminated Extended Flat round



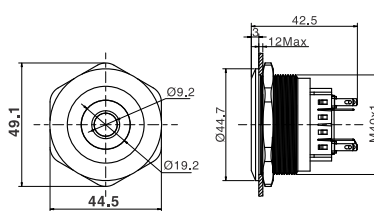
1 Pole
2 Pole



ø40mm Illuminated Dot round



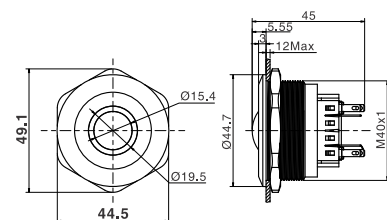
1 Pole
2 Pole



ø40mm Illuminated Dome Ring round



1 Pole
2 Pole



Note: For Color Selection and Voltage Selection Please Refer page no. 21

Metal Selector Switch



400.30.11.16.00.00.01

Series	
400 Series Vandal Proof Switches & Pilot Lights	

Non-Illuminated Selector Switch Type		Position
30	Maintained	90° 2 Positions
31	Momentary	
32	Maintained	90° 3 Positions
33	Momentary	
34	Left lock Right reset	
35	Left reset Right lock	

Illuminated Selector Switch Type		Position
36	Maintained	90° 2 Positions
37	Momentary	
38	Maintained	90° 3 Positions
39	Momentary	
40	Left lock Right reset	
41	Left reset Right lock	

00	Without Electromechanical
01	With Electromechanical only in ø16mm

Voltage	
12	12V AC/DC
24	24V AC/DC
11	110V AC/DC
23	230/240V AC/DC

Colour	
00	Without LED
02	Red
04	Yellow
05	Green
06	Blue
09	White





Install Size	
16	ø16mm
19	ø19mm

Contact	
11	SPDT
22	DPDT
33	TPDT

















400 Series Vandal Proof Switches & Pilot Lights

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Selector Switch Model Selection

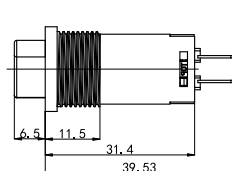
Appearance	Illuminated Type	Operation	Contact	Model	Size	Crust Material
Selector Switch 	Without LED	90° 2 Position	11:SPDT	400.30.11.16.00.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:DPDT	400.30.22.16.00.01		
		90° 3 Position	22:DPDT	400.32.22.16.00.01		
	With LED	90° 2 Position	11:SPDT	400.36.11.16.16.00.00		
			22:DPDT	400.36.22.16.16.00.00		
		90° 3 Position	22:DPDT	400.38.22.16.16.00.00		
Selector Switch 	Without LED	90° 2 Position	11:SPDT	400.30.11.19.00.00.00	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- 
			22:DPDT	400.30.22.19.00.00.00		
		90° 3 Position	22:DPDT	400.32.22.19.00.00.00		
	With LED	90° 2 Position	11:SPDT	400.36.11.19.16.00.00		
			22:DPDT	400.36.22.19.16.00.00		
		90° 3 Position	22:DPDT	400.38.22.19.16.00.00		

Selector Switch

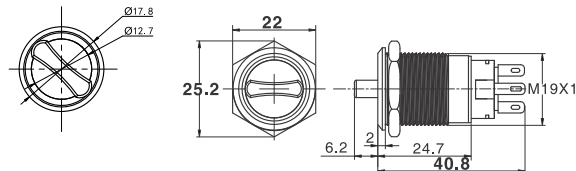
Operation					Contact			
90° 2 Position	 Maintained		 Momentary		SPDT			
					DPDT			
90° 3 Position	 Maintained	 Left lock Right reset	 Left reset Right lock	 Momentary	TPDT			



Dimensions




ø16mm Selector Switch



ø19mm Selector Switch



<div>02: Red</div> <div>04: Yellow</div> <div>05: Green</div> <div>06: Blue</div> <div>09: White</div>	<div>12: 12VDC</div> <div>24: 24VDC</div> <div>11: 110VAC</div> <div>23: 230VAC</div>
Color Selection:- 	Voltage Selection:- 

Note: For Selection Color : 
 For Selection Voltage : 
 For Selection Material : 

Metal Key Switch



400.42.11.16



Series		
400 Series Vandal Proof Switches & Pilot Lights		
Key Switch		Position
42	Maintained	90° 2 Positions
43	Maintained	
44	Left lock Right reset	90° 3 Positions
45	Left reset Right lock	

Install Size	
16	ø16mm
19	ø19mm
Poles	
11	SPDT
22	DPDT
33	TPDT














400 Series Vandal Proof Switches & Pilot Lights

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Key Switch Model Selection

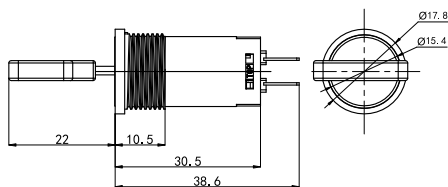
Appearance	Operation		Contact	Model	Size	Crust Material
Key Switch 	Maintained	90° 2 Position	11:SPDT	400.42.11.16.00●.01	ø16mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:DPDT	400.42.22.16.00●.01		
		90° 3 Position	22:DPDT	400.43.22.16.00●.01		
Key Switch 	Maintained	90° 2 Position	11:SPDT	400.42.11.19.00●.01	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- ●
			22:DPDT	400.42.22.19.00●.01		
		90° 3 Position	22:DPDT	400.43.22.19.00●.01		

Selector Switch

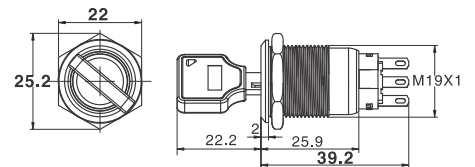
Operation					Contact	↙	↑	↗
90° 2 Position	 Maintained		 Momentary		SPDT			
					DPDT			
90° 3 Position	 Maintained	 Left lock Right reset	 Left reset Right lock	 Momentary	TPDT			

Dimensions

ø16mm Key Switch



ø19mm Key Switch



Metal Emergency stop Button






400.42.01.11.19

Series		
400 Series Vandal Proof Switches & Pilot Lights		
Emergency Stop Switch		Operation
86	Flat Emergency Stop Switch	Pushlock Turn Reset
87	Dome Emergency Stop Switch	Pushlock Turn Reset

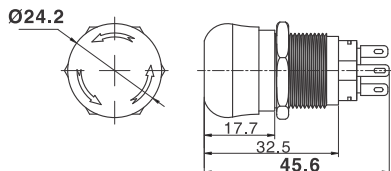
Install Size	
19	ø19mm
22	ø22mm
Poles	
11	SPDT
22	DPDT
Contact	
11	1NO-1NC
22	2NO-2NC
01	3NO-3NC

Emergency Stop Model Selection

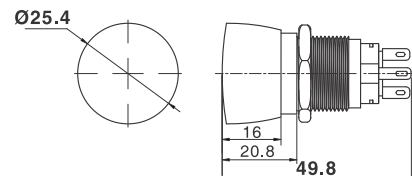
Appearance	Operation	Method	Contact	Contact Configuration	Model	Size	Crust Material
Flat Emergency Stop Switch 	Push Lock Turn reset	Combined Structure	11: 1NO-1NC 22: 2NO-2NC	11:SPDT	400.86.11.11.19	ø19mm	Stainless Steel
				22:DPDT	400.86.11.22.19		
Dome Emergency Stop Switch 	Push Lock Turn reset	Combined Structure	11: 1NO-1NC 22: 2NO-2NC	11:SPDT	400.87.11.11.19	ø19mm	Stainless Steel
				22:DPDT	400.87.11.22.19		
Dome Emergency Stop Switch 	Push Lock Turn reset	Combined Structure	11: 1NO-1NC 22: 2NO-2NC 33: 3NO-3NC	11:SPDT	400.87.11.11.22	ø22mm	Stainless Steel
				22:DPDT	400.87.11.22.22		

Dimensions

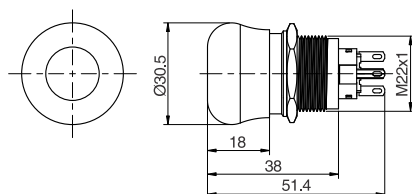
ø19mm Flat Emergency Stop Switch





ø19mm Dome Emergency Stop Switch



ø22mm Flat Emergency Stop Switch

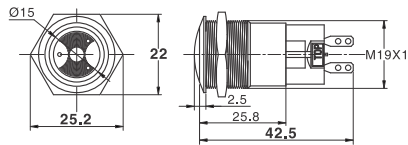


Buzzer Model Selection

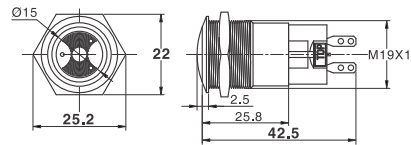
Appearance	Illuminated Type	Sound Intensity	Phonation Type	Model	Lens Color	Operating Voltage	Size	Crust Material
Flat Round Honeycomb 	Without LED	≥85dB	01: Buzzer (M)	400.BZ.01.○	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- <input type="checkbox"/>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- <input type="checkbox"/>	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- <input type="checkbox"/>
			02: Flicker Buzzer(SM)	400.BZ.02.○				
Illuminated Flat Round Honeycomb 	With LED	≥85dB	01: Buzzer (M)	400.BZ.01.□.△.○	02: Red 04: Yellow 05: Green 06: Blue 09: White Color Selection:- <input type="checkbox"/>	12: 12VDC 24: 24VDC 11: 110VAC 23: 230VAC Voltage Selection:- <input type="checkbox"/>	ø19mm	00: Stainless Steel 01: Copper Plated Ni 02: Copper Plated Cr Material Selection:- <input type="checkbox"/>
			02: Flicker Buzzer(SM)	400.BZ.02.□.△.○				

Dimensions

ø19mm Flat Round Honeycomb



ø19mm Flat Round Honeycomb Illuminated



Accessories

Appearance	Discretion	Model	Specification	Material
	Insulated Terminal Cover	400.ITC	The Welding foot Protection sleeve	Milk white nylon resin
	Socket	400.16.S.ST	Solder terminal	PA66
		400.16.S.PT	PCB terminal	PA66
	Mount Hole	400.16.MH	Rubber plug	PA66
	Connector	400.16.C		
		400.19.C		
		400.22.C		
		400.25.C		

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