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PRODUCT SPECIFICATION

43 Series Rotary Switches



www.wernerelektrik.com

Product Introduction

43 - 6 to 10A



- The 43 series rotary switch mainly applies to 440v and below, AC 50Hz or 240V and below DC circuits. For breaking and closing, change-over of circuits under unfrequently manual operation. And the typical application are: control switch of 3 phase motors, control switch of switch gear, control switch of instruments, and change-over switch of machinery and welding machine.

43 - 16 to 20A



- The series comply with the GB 14048.3, GB 14048.5 and IEC 60947-3,

43 - 25 to 32A



- The 43 series have 8 current ratings: 6A ,10A, 16A, 20A, 25A, 32A, 40A, 63A.... They were designed for multiple functions, wide variety of applications.
- Open Terminals for easy Accessibility

43 - 40 to 63A



Working Conditions

- Ambient temperature DO NOT exceed 40°C, and the average temperature, measured over a period of 24 hours, DO NOT exceed 35°C.
- Ambient temperature should not be below -25°C.
- Should not be installed above 2000m above sea level.
- The humidity should not exceed 50% when the ambient temperature. is 40°C and higher humidity is allowed for lower temperature.

CSA/UL Ratings

AC Rating Code	Unit	6	10	16	20	25	32	40	63
Ampere Rating	A	6	10	16	20	25	32	40	63
Operating Voltage	V	460	460	600	600	600	600	600	600
HP Rating 1 Phase 120V	HP	0.25	0.33	0.33	0.33	1.5	1.5	2	3
240V	HP	0.50	0.75	1	1	3	3	5	7.5
3 Phase 120V	HP	0.75	1	1.5	1.5	3	3	5	7.5
240V	HP	1	1	3	3	7.5	7.5	10	15
480V	HP	1	2	3	3	10	10	20	30
600V	HP	-	-	5	5	15	15	24	40

Note: AC 4 Rating = AC 3 rating/2, Star Delta Rating=60% of AC Rating

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IEC/EN Ratings

AC Rating Code	Unit	6	10	16	20	25	32	40	63
Rated Operational Voltage (Ue)	V	440	440	690	690	690	690	690	690
Rated Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated impulse with stand Voltage(Uimp)	Kv	4	4	6	6	6	6	6	6
Rated Operational Current(Ie) AC21/AC1	A	6	10	16	20	25	32	40	63
Rated Uninterrupted Current (Ith)	A	8	12	20	25	32	40	50	80
Rated Operational Power									
AC23A "3 Ph, 415 V"	KW	2.2	3	7.5	7.5	11	15	18.5	22
	A	--	--	13	13	19	26	32	38
Ac3	KW	1.5	3	5.5	5.5	7.5	11	15	18.5
"3 Ph, 415 V"	A	--	--	10	10	13	19	26	32
Short Circuit Capacity									
Rated Fuse Short Circuit Current	KA	3	3	5	5	10	10	20	20
Fuse Size (Type gG/gM)	A	6	10	16	20	25	32	40	63
Terminal Cross Section									
Single/ Multiple	mm ²	0.7	0.7	1.5	1.5	1.5	2.5	2.5	4
	mm ²	0.5	0.5	4	4	4	6	10	16
Fine strand	mm ²	0.7	0.7	1	1	1	1.5	2.5	2.5
	mm ²	1.5	1.5	2.5	2.5	2.5	4	6	10
Terminal Cross Section	Metric	M3.5	M3.5	M3.5	M3.5	M4	M4	M5	M5
Terminal Tightening Torque	Nm	0.5	0.5	0.8	0.8	1.4	1.2	2	2

Rated Duty Cycle : Installation, Operation and maintenance are rated as 8-hour shifts. Suitable for Environment A (for Industrial Application) in good condition.
Switch life in normal working circumstances: Electrical life 10,000 operations at 100% rated duty for 120 cycles/hour, Mechanical life 100,000 operations at 300 cycles/hour.

CE

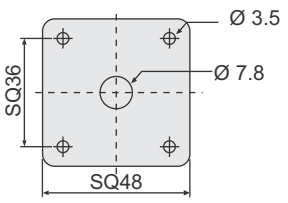
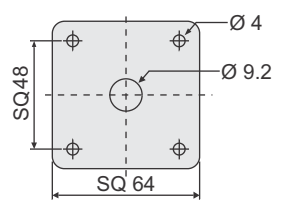
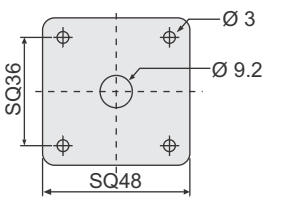
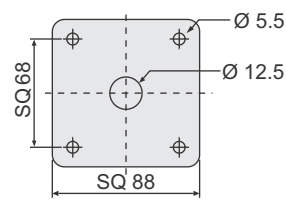
CE

Conformance to standards:

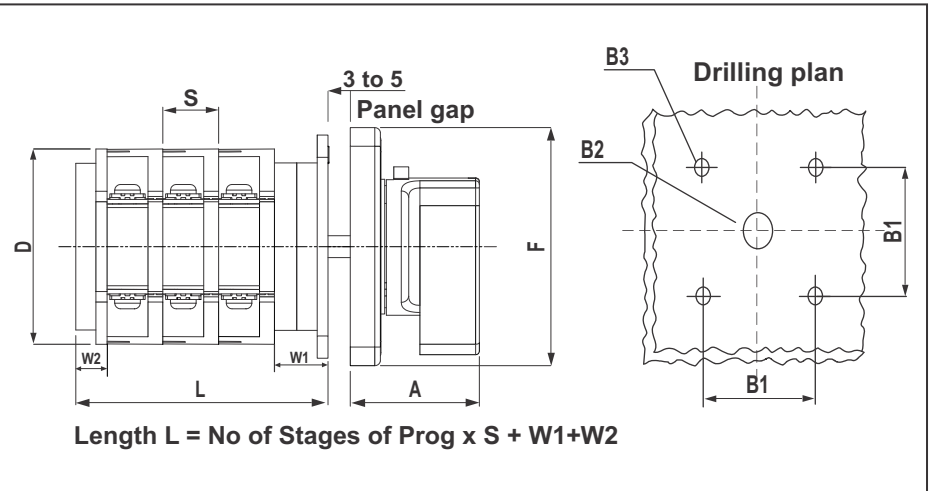
European: IEC-60947-1 : 1988

IEC-60947-3 : 1990

Accessories Front Plate

Standard Style	Frame Size	Standard Style	Frame Size
Current Ratings 6/10Amps		25/32Amps	
16/20Amps		40Amps&above	

Mountings



IP 55 Protection from Front

Features:

- ◆ Standard 4 Hole front panel mounting
- ◆ Knob/Handle operatable
- ◆ Suitable for all switching angles
- ◆ Front assembly in 5 different colors,
 - Yellow Front Plate with Black & Red knob
 - Black Front Plate with Black & White knob
 - Grey Front Plate with Grey & Yellow knob
 - Grey Front Plate with Grey & Black knob
 - Black Front Plate & Aluminium Foil with Black knob

Type	A	B1	B2	B3	D	F	S	W1	W2
6/10	28	36	7.8	3.5	32	48	9.5	12.7	5.2
16/20	28	36	9.2	3.0	46	48	12	14.4	8.4
25/32	35	48	9.2	4.0	53	64	15	14.7	7
40/63	44	68	12.5	5.5	70	88	21	19.3	13

43 Series Rotary Switch

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Ordering Code

Example for :

25A 3 Pole

ON - OFF Switch

Series	Ampere	Program Code	Inscription	Knob Type	Colour Code
4	3	25A	4	3	1
9	7	A	I	T	Y
R					

Program Selection

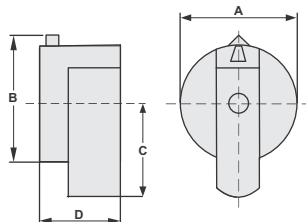
Programs	Prog Code
Isolators	Pg 07
Changeovers with OFF	Pg 08
Changeovers without OFF	Pg 09
Multi-step with OFF	Pg 10
Multi-step without OFF	Pg 11
Code Switches, Gang Switches, Voltmeter Selector Switches	Pg 12
Ammeter Selector Switches Volt-Ammeter Selector Switches	Pg 14
Control Switches Motor Reversing Switches Star-Delta Switches	Pg 15
Multi-speed Switches Auxiliary Phase Switches	Pg 16

Ampere Selection

Ampere
6A
10A
16A
20A
25A
32A
40A
63A

Colour Combination Selections for Knobs

I-TYPE HANDLE



Black with Red



Black with White



Grey with Yellow

TYPE-IT	A	B	C	D
6/10	28	38.5	22	21
16/20	28	38.5	22	21
25/32	37	50.5	29	25
40/63	50	70	42	33



Grey with Black



Black

Colour Combination Selection for Front Plate

Code - YR



Yellow Front Plate with Black & Red knob

Code - BW



Black Front Plate with Black & White knob

Code - GY



Grey Front Plate with Grey & Yellow knob

Code - GB



Grey Front Plate with Grey & Black knob

Code - AB



Black Front Plate & Aluminium Foil with Black knob

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[illegible]

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Front plate		Program Number		4 3 0 3 7	
Switching angle 60°					
Switch positions					
OFF	1				
	2				
	3				
	4				
TUBE	5	X			
	6				
	7				
	8				
TUBE & FAN	9	X	X		
	10				
	11				
FAN	12				
	13				
	14				
	15				
FAN & LAMP	16				
	17	X	X	X	
	18				
	19				
	20				
NIGHT LAMP	21				
	22				
	23				
	24				
1 Switch Type	S 16		2 Mounting Form	B03	3 Stop
4 Front plate	Type 50	Colour Yellow	Optional extras		
5 Marking					
6 Handle	Type I Type	Colour Red	Customer		Date
CUSTOMER CODE No.					

Customized Program Formation

The Switch design and construction gives flexibility for making customized programs within a very short period. Basically an engineer trying to specify the customized program should concentrate on the following points.

- Number of operating positions of Switch Handle
- Total number of contacts required
- Contact closing sequence of all the contacts required in various positions of handle. Please note :
 - Each position should be identified and script plate marking required in those positions should be mentioned.
 - The standard latching angle (angle between positions)/switching angles are 60°, 90°, 45° and 30°. Spring Return are also possible for 45° and 90° switching angle.
- Total number of contacts can be decided based on the actual need. You may arrange the contacts to your convenience and number them as 1/2, 3/4, 5/6...etc. While making the Switch, we may rearrange the contacts to use solid Jumpers so as to avoid loose wire Jumpers.
- Fill up the Program sheet by marking 'X' at places where contacts have to Close (NC).

Also specify the ampere rating, switching angle, script plate markings, terminal marking and lockable position (If any). For example refer the sample customised program sheet of a Bedroom Switch having 3 contacts controlling a tube, fan and night lamp.

Note: The above construction carries a five digit number starting with (4xxxx) allotted by us. This number alone is sufficient for future correspondence and further ordering.

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Technical Information

Switching programs

ON-OFF Switches 90°

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 pole	1	1	43191.	 43...A  43...B  43...C  43...D  43...E  43...F
2 pole	1	2	43192.	
3 pole	2	3	43199.	
3 pole with N/PE terminals	2	4	43178.	
3 pole with N terminals	2	4	43908.	
4 pole	2	4	43914.	
4 pole, 1 pole early make/late break	2	4	43194.	
4 pole, 3 pole early make/late break	2	4	43904.	
5 pole, 3 pole early make/late break	3	5	43905.	
6 pole	3	6	43906.	
6 pole, 2 auxiliary contacts	4	8	43907.	
7 pole	4	7	43917.	
8 pole	4	8	43918.	
8 pole, 2 pole early make/late break	4	8	43919.	
9 pole	5	9	43909.	 43...G  43...H
10 pole	5	10	43910.	
12 pole	6	12	43912.	
Complete rotation				
2 pole	1	2	43198.	
3 pole	2	3	43197.	
				 43...A  43...B  43...C

ON-OFF Switches 60°

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 pole	1	1	43001.	 43...A  43...B  43...C  43...D  43...E  43...F
2 pole	1	2	43002.	
3 pole	2	3	43003.	
4 pole	2	4	43004.	
5 pole	3	5	43005.	
6 pole	3	6	43006.	
7 pole	4	7	43007.	
8 pole	4	8	43008.	
9 pole	5	9	43009.	
10 pole	5	10	43010.	
11 pole	6	11	43011.	
12 pole	6	12	43012.	
				 43...G  43...H  43...I

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Switching programs

Changeover Switches with centre OFF, 60°

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 pole	1	2	43025.	     
2 pole	2	4	43026.	
3 pole	3	6	43027.	
4 pole	4	8	43028.	
5 pole	5	10	43029.	
6 pole	6	12	43030.	
7 pole	7	14	43031.	     
8 pole	8	16	43032.	
without jumpers				
1 pole	1	2	43625.	
2 pole	2	4	43626.	
3 pole	3	6	43627.	
				     
				    

Changeover Switches with centre OFF, 90°

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 pole	1	2	43151.	     
2 pole	2	4	43152.	
3 pole	3	6	43153.	
4 pole	4	8	43154.	

Changeover Switches without OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 pole	1	2	43037.	     
2 pole	2	4	43038.	
3 pole	3	6	43039.	
4 pole	4	8	43040.	
5 pole	5	10	43041.	
6 pole	6	12	43042.	
7 pole	7	14	43043.	   
8 pole	8	16	43044.	
9 pole	9	18	43045.	
10 pole	10	20	43046.	
11 pole	11	22	43047.	
12 pole	12	24	43048.	
without jumpers				
1 pole	1	2	43637.	
2 pole	2	4	43638.	
3 pole	3	6	43639.	
4 pole	4	8	43640.	
overlapping contacts				
1 pole	1	2	43737.	
2 pole	2	4	43738.	
3 pole	3	6	43739.	
4 pole	4	8	43740.	

Technical Information

Switching programs

Multi-step Switches with OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
2 steps				
1 pole	1	2	43059.	   43...A 43...B 43...C
2 pole	2	4	43079.	
3 pole	3	6	43099.	
4 pole	4	8	43130.	
5 pole	5	10	43134.	
6 pole	6	12	43137.	
3 steps				
1 pole	2	3	43060.	      43...A 43...B 43...C 43...D 43...E 43...F
2 pole	3	6	43080.	
3 pole	5	9	43100.	
4 pole	6	12	43131.	
5 pole	8	15	43135.	
4 steps				
1 pole	2	4	43061.	   43...A 43...B 43...C
2 pole	4	8	43081.	
3 pole	6	12	43101.	
4 pole	8	16	43132.	
5 steps				
1 pole	3	5	43062.	   43...A 43...B 43...C
2 pole	5	10	43082.	
3 pole	8	15	43102.	
6 steps				
1 pole	3	6	43063.	   43...A 43...B 43...C
2 pole	6	12	43083.	
3 pole	9	18	43103.	
7 steps				
1 pole	4	7	43064.	   43...A 43...B 43...C
2 pole	7	14	43084.	
8 steps				
1 pole	4	8	43065.	   43...A 43...B 43...C
9 steps				
1 pole	5	9	43066.	   43...A 43...B 43...C
10 steps				
1 pole	5	10	43067.	   43...A 43...B 43...C
11 steps				
1 pole	6	11	43068.	   43...A 43...B 43...C

Technical Information

Switching programs

Multi-step Switches without OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription		
3 steps				 43...A	 43...B	 43...C
1 pole	2	3	43049.			
2 pole	3	6	43069.			
3 pole	5	9	43089.			
4 pole	6	12	43120.			
5 pole	8	15	43124.			
6 pole	9	18	43126.			
without jumpers						
1 pole	2	3	43649.			
2 pole	3	6	43669.			
Description	Stages	Contacts	Part No.	Ident No. with inscription		
4 steps				 43...A	 43...B	 43...C
1 pole	2	4	43050.			
2 pole	4	8	43070.			
3 pole	6	12	43090.			
4 pole	8	16	43121.			
5 pole	10	20	43125.			
6 pole	12	24	43127.			
without jumpers						
1 pole	2	4	43650.			
2 pole	4	8	43670.			
5 steps				 43...A	 43...B	 43...C
1 pole	3	5	43051.			
2 pole	5	10	43071.			
3 pole	8	15	43091.			
4 pole	10	20	43122.			
6 steps				 43...A	 43...B	 43...C
1 pole	3	6	43052.			
2 pole	6	12	43072.			
3 pole	9	18	43092.			
7 steps				 43...A	 43...B	
1 pole	4	7	43053.			
2 pole	7	14	43073.			
3 pole	11	21	43093.			
8 steps				 43...A	 43...B	
1 pole	4	8	43054.			
2 pole	8	16	43074.			
3 pole	12	24	43094.			
9 steps				 43...A	 43...B	
1 pole	5	9	43055.			
10 steps				 43...A	 43...B	
1 pole	5	10	43056.			
11 steps				 43...A	 43...B	
1 pole	6	11	43057.			
12 steps				 43...A	 43...B	
1 pole	6	12	43058.			

Technical Information

Switching programs

Code Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription
Binary code				
0 - 7	2	3	43920.	 43...A
0 - 7 complement	2	3	43921.	
0 - 7 + complement	3	6	43922.	
0 - 11	2	4	43923.	 43...A
0 - 11 + complement	4	8	43924.	
BCD Code				
0 - 9	2	4	43930.	 43...A
0 - 9 complement	2	4	43931.	
0 - 9 + complement	4	8	43932.	

Gang Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription
2 gangs				
1 pole	1	2	43109.	 43...A  43...B
2 pole	2	4	43117.	
3 pole	3	6	43111.	
3 gangs				
1 pole	2	3	43110.	 43...A  43...B
2 pole	3	6	43118.	
3 pole	5	9	43112.	
Series-gang Switches				
2 gangs				
1 pole	1	2	43113.	
2 pole	2	4	43115.	
3 pole	3	6	43114.	
Series-parallel Switches				
2 gangs				
2 pole	2	4	43116.	

Voltmeter Selector Switches with OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
3 phase line to line, 30°	2	4	43312.	 43...A  43...B  43...C  43...D  43...E
3 phase line to line, 60°	2	4	43385.	 43...A

Technical Information

Switching programs

Voltmeter Selector Switches with OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
3 phase line to N	2	4	43311.	    
3 phase line to line + 3 phase line to N	3	6	43313.	     
3 phase line to line + 1 phase line to N	3	5	43317.	   
3 phase line to line for 2 sources	4	8	43318.	     
2 pole, 1 phase	1	2	43198.	  

Voltmeter Selector Switches without OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
3 phase line to line	2	4	43319.	 
3 phase line to line + 3 phase line to N	3	6	43314.	  

Technical Information

Switching programs

Ammeter Selector Switches with OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 transformer, 1 pole	1	2	43321.	   
2 transformers, 1 pole (3 phase)	2	4	43331.	
3 transformers, 1 pole	3	6	43325.	
3 transformers, 2 pole	5	9	43328.	    
2 transformers, 2 pole	3	6	43327.	 

Ammeter Selector Switches without OFF

Description	Stages	Contacts	Part No.	Ident No. with inscription
3 transformers, 1 pole	3	6	43384.	
3 transformers, 2 pole	5	9	43329.	
4 transformers, 1 pole	4	8	43326.	
4 transformers, 2 pole	6	12	43330.	

Volt-Ammeter Selector Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription
1 phase line to line, 2 phase voltages L-N, 2 currents	4	8	43334.	
3 voltages L-L, 3 currents	5	10	43336.	
3 phase voltages L-N, 3 currents	5	9	43338.	  
4 voltages, 3 currents	6	11	43337.	

Technical Information

Switching programs

Motor Reversing Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription
2 pole	2	4	43210.	   43...A 43...B 43...C
3 pole	3	5	43211.	
3 pole, complete rotation	3	5	43214.	  43...A 43...B

Star-Delta Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription
Standard	4	8	43200.	    43...A 43...B 43...C 43...D
Contact closed in "OFF"/"STOP"	5	9	43239.	

Star-Delta Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription		
for use with contactor	4	7	43240.			
				43...A	43...B	43...C
Reversing Star-Delta Switches						
Standard	5	10	43203.			
				43...A	43...B	

Technical Information

Switching programs

Multi-Speed Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription	
2 speeds					
single winding	4	8	43212.		
single winding -					
contactor control	5	10	43215.		
2 separate windings	3	6	43219.	43...A	43...B
2 speeds					
single winding	4	8	43213.		
				43...A	43...B
3 speeds					
speed 1+3 Dahlander	6	11	43226.		
speed 2+3 Dahlander	6	11	43243.		
				43...A	43...B
Reversing Multi-Speed Switches					
2 speeds, single winding	6	12	43217.		
				43...A	43...B
					43...C

Auxiliary Phase Switches

Description	Stages	Contacts	Part No.	Ident No. with inscription			
Standard	2	3	43208.				
				43...A	43...B	43...C	43...D
2 directions	3	6	43209.				
				43...A	43...B	43...C	
2 directions							
phase continuously under load	3	6	43270.				
				43...A	43...B		

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Switching Diagram 43001 - 43044

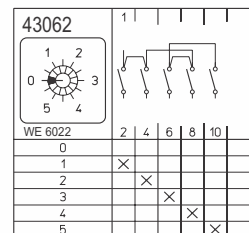
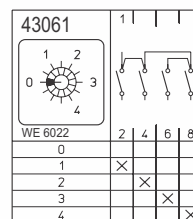
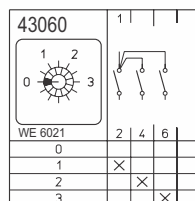
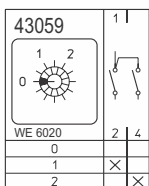
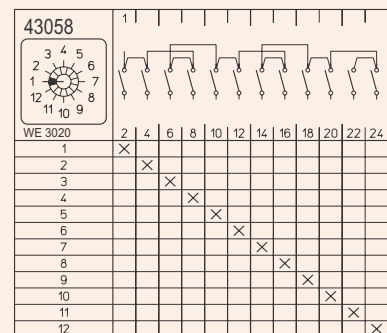
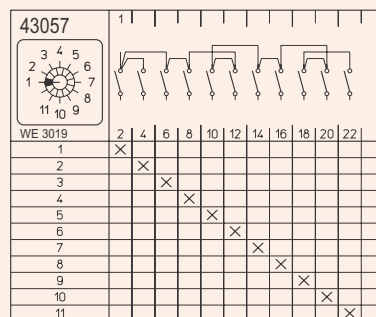
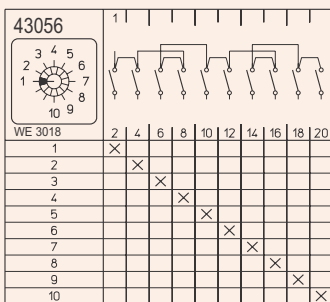
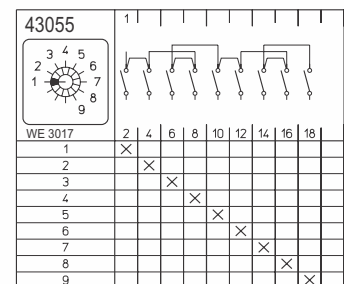
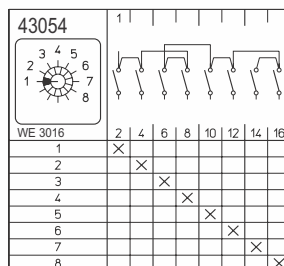
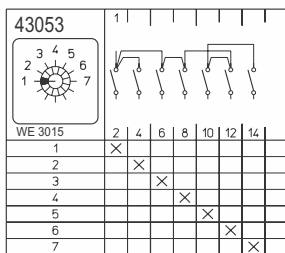
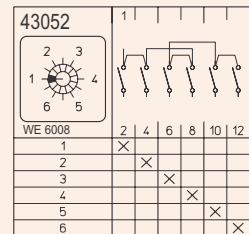
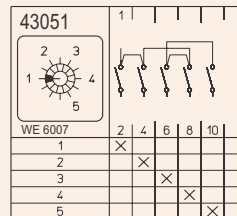
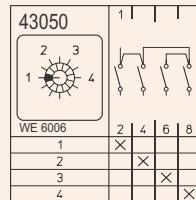
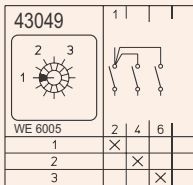
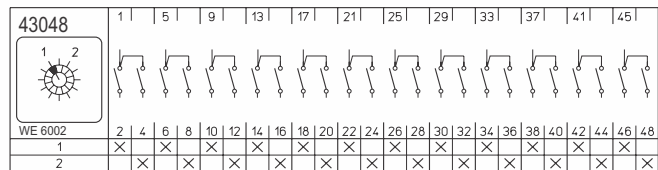
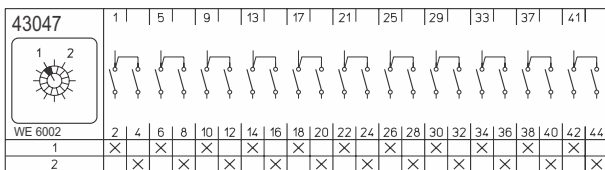
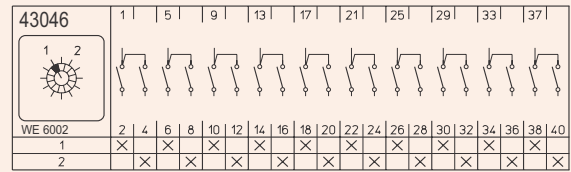
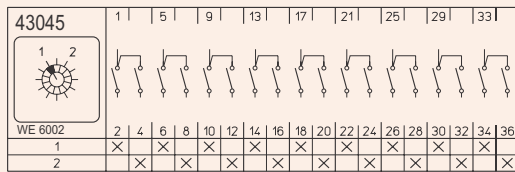
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43010 0 1 WE 6001 2 4 6 8 10 12 14 16 18 20 0 1 X X X X X X X X X X	43011 0 1 WE 6001 2 4 6 8 10 12 14 16 18 20 22 0 1 X X X X X X X X X X X	43012 0 1 WE 6001 2 4 6 8 10 12 14 16 18 20 22 24 0 1 X X X X X X X X X X X X		
43025 1 0 2 WE 6003 2 4 1 0 2 X	43026 1 0 2 WE 6003 2 4 6 8 1 0 2 X X	43027 1 0 2 WE 6003 2 4 6 8 10 12 1 0 2 X X X	43028 1 0 2 WE 6003 2 4 6 8 10 12 14 16 1 0 2 X X X X	
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43043 1 2 WE 6002 2 4 6 8 10 12 14 16 18 20 22 24 26 28 1 2 X X X X X X X	43044 1 2 WE 6002 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 1 2 X X X X X X X X			

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Technical Information

Switching Diagram 43045 - 43062

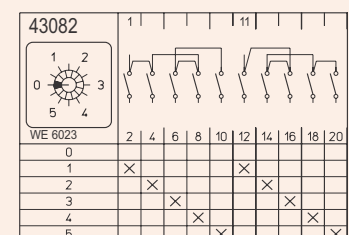
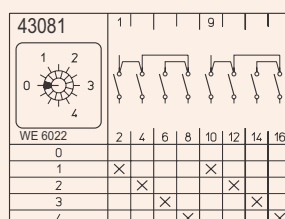
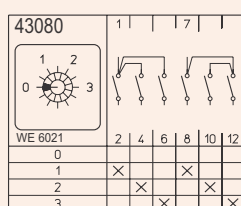
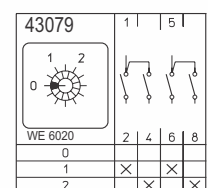
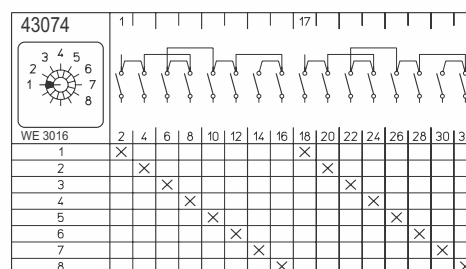
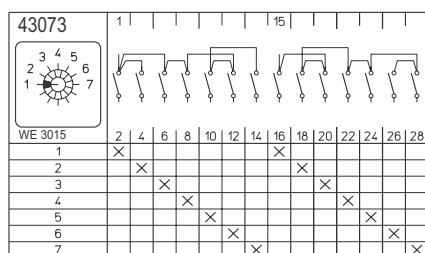
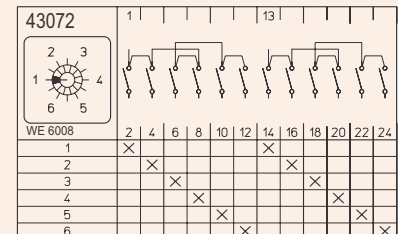
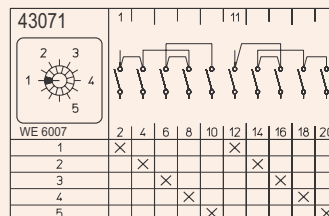
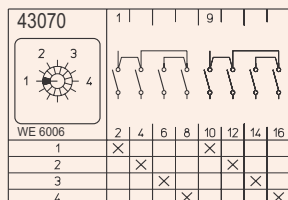
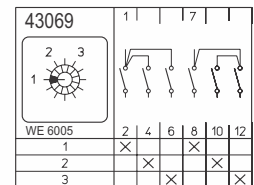
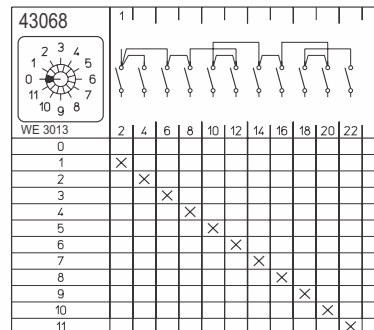
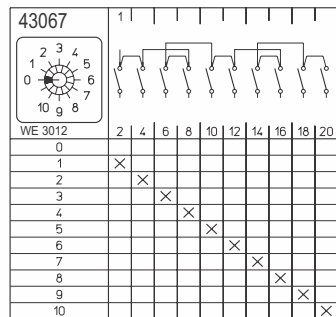
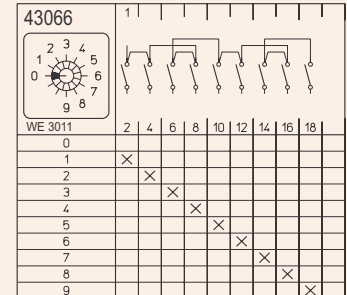
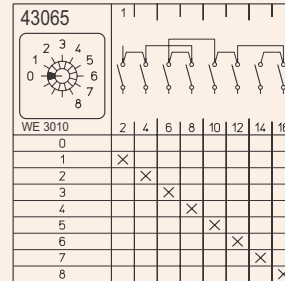
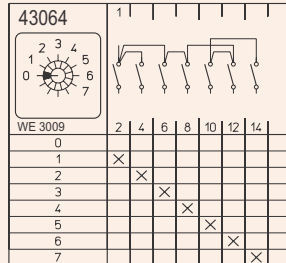
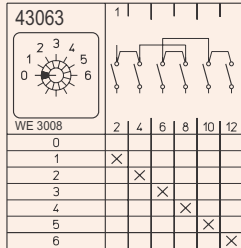


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Technical Information

Switching Diagram 43063 - 43082

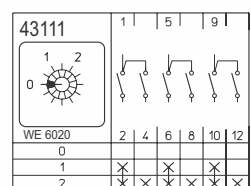
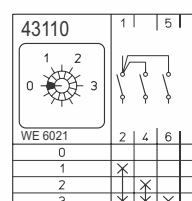
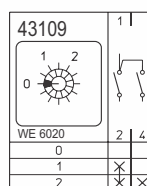
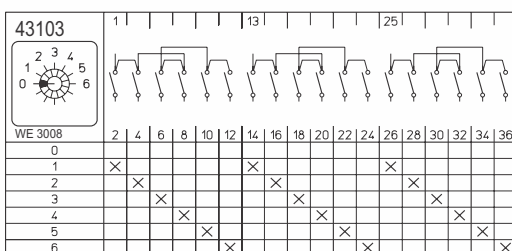
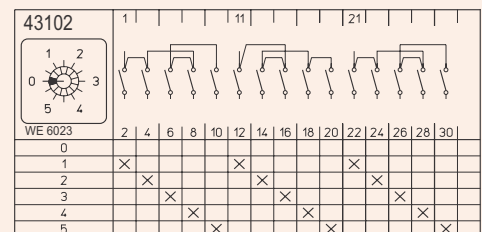
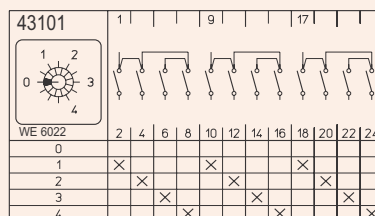
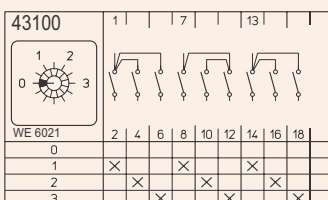
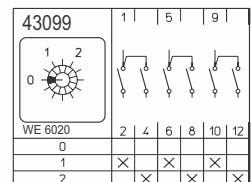
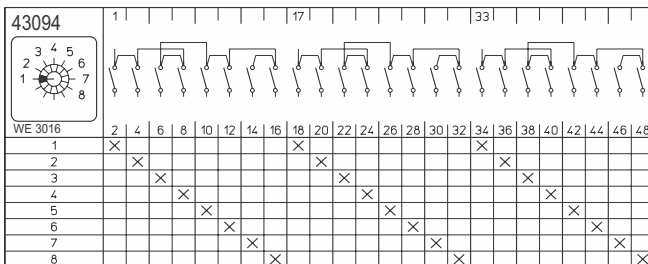
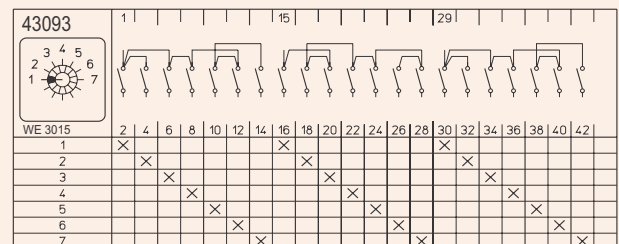
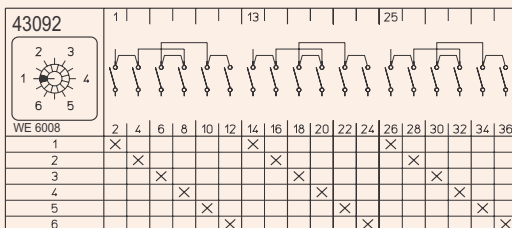
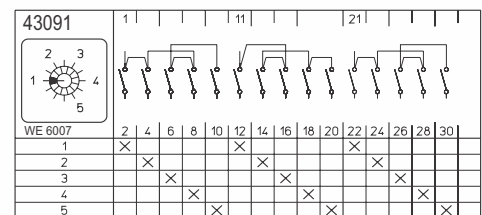
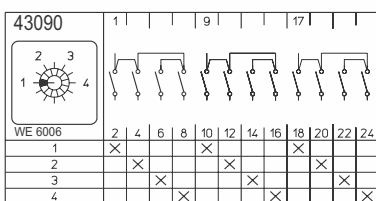
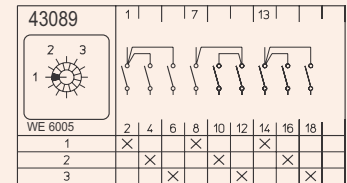
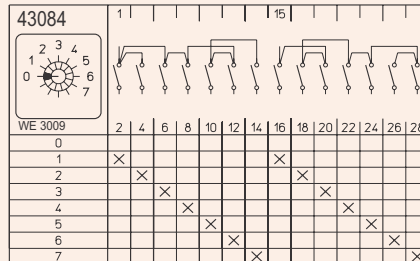
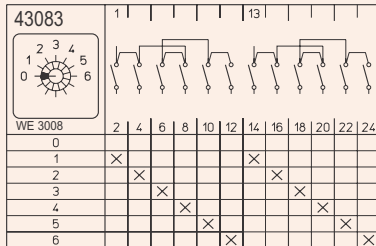


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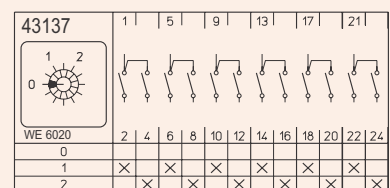
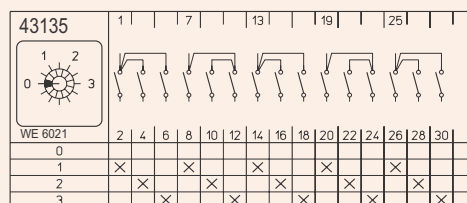
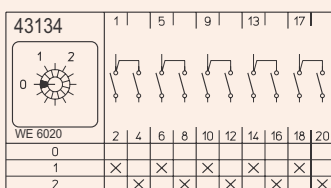
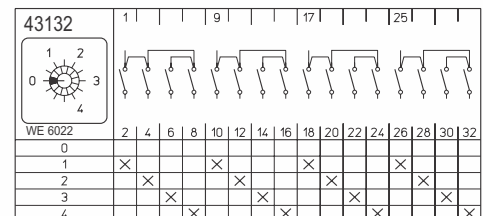
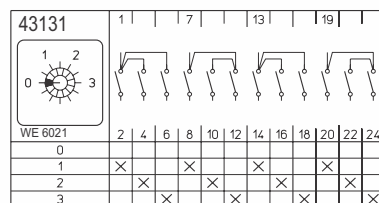
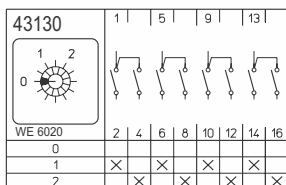
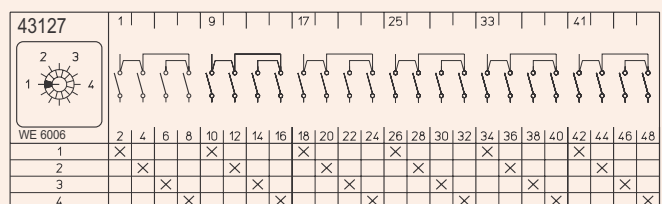
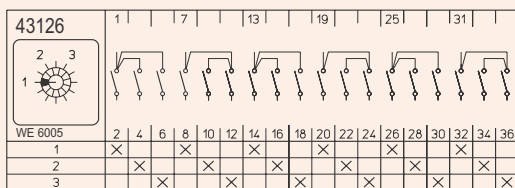
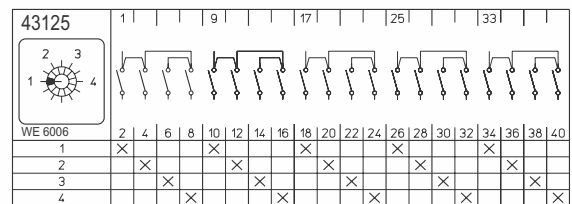
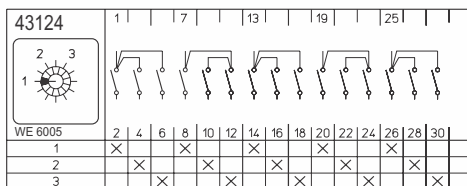
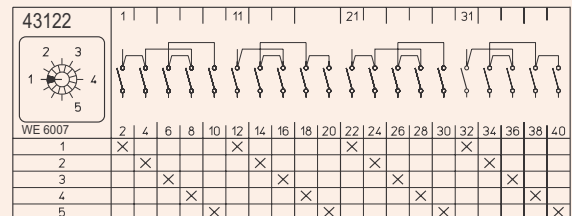
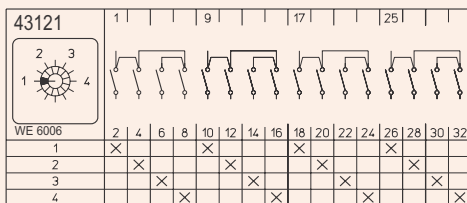
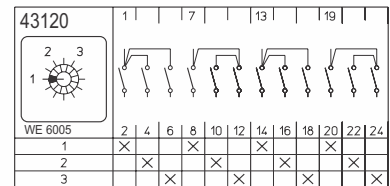
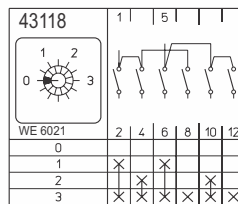
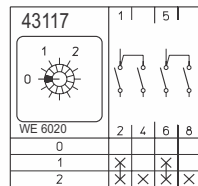
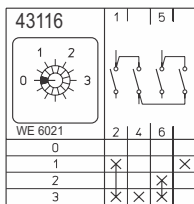
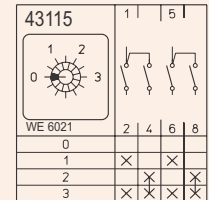
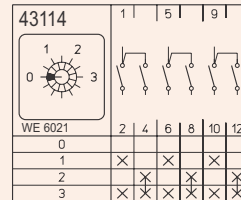
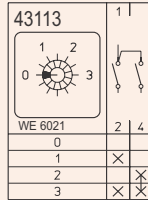
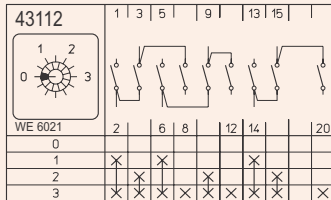
Technical Information

Switching Diagram 43083 - 43111



Technical Information

Switching Diagram 43112 - 43137

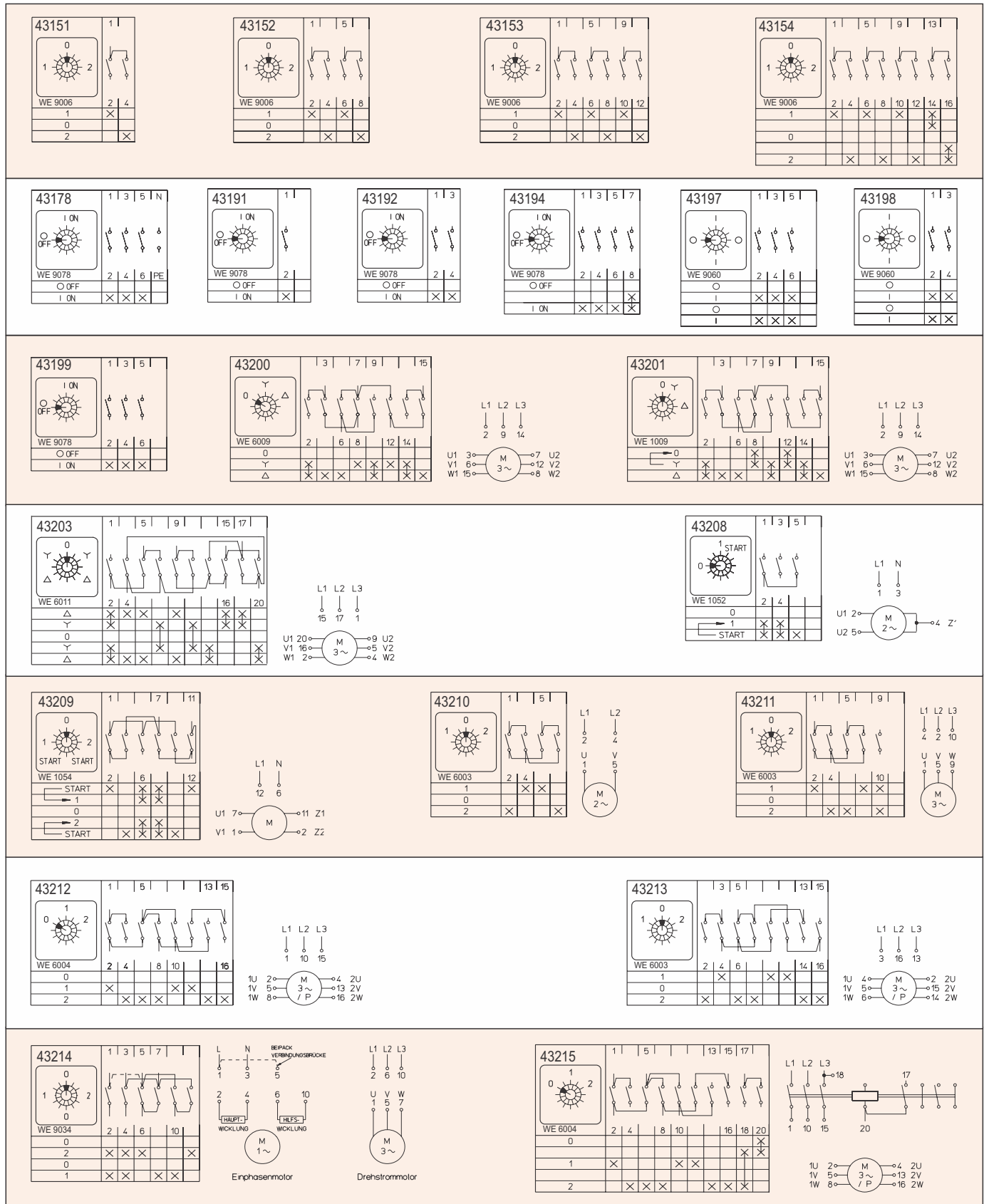


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Technical Information

Switching Diagram 43151 - 43215

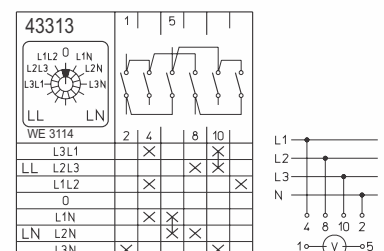
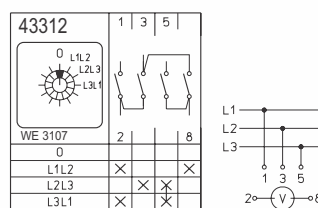
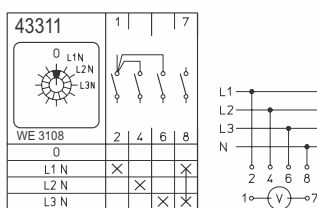
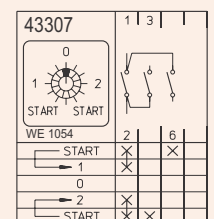
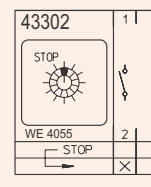
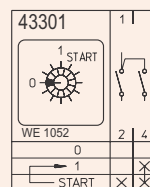
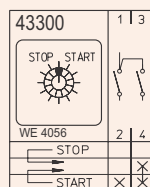
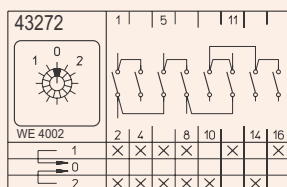
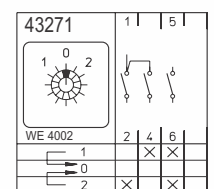
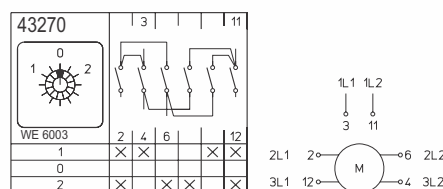
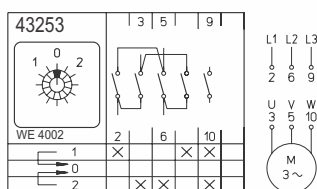
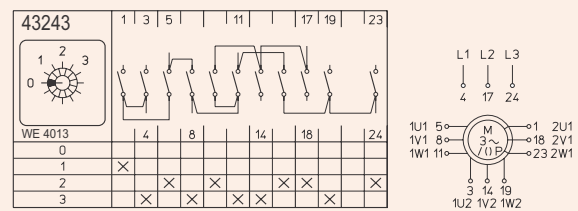
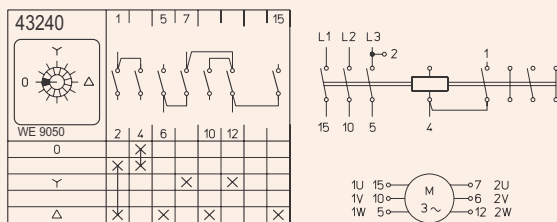
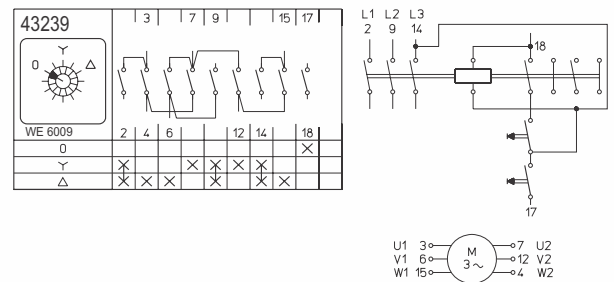
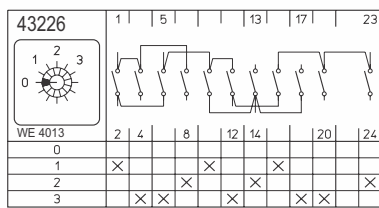
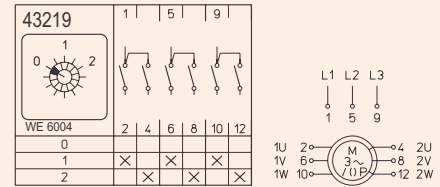
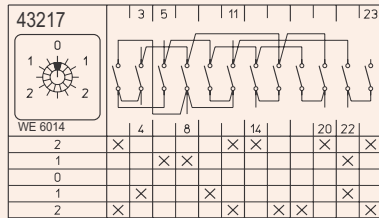


43 Series Rotary Switch

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Technical Information

Switching Diagram 43217 - 43313

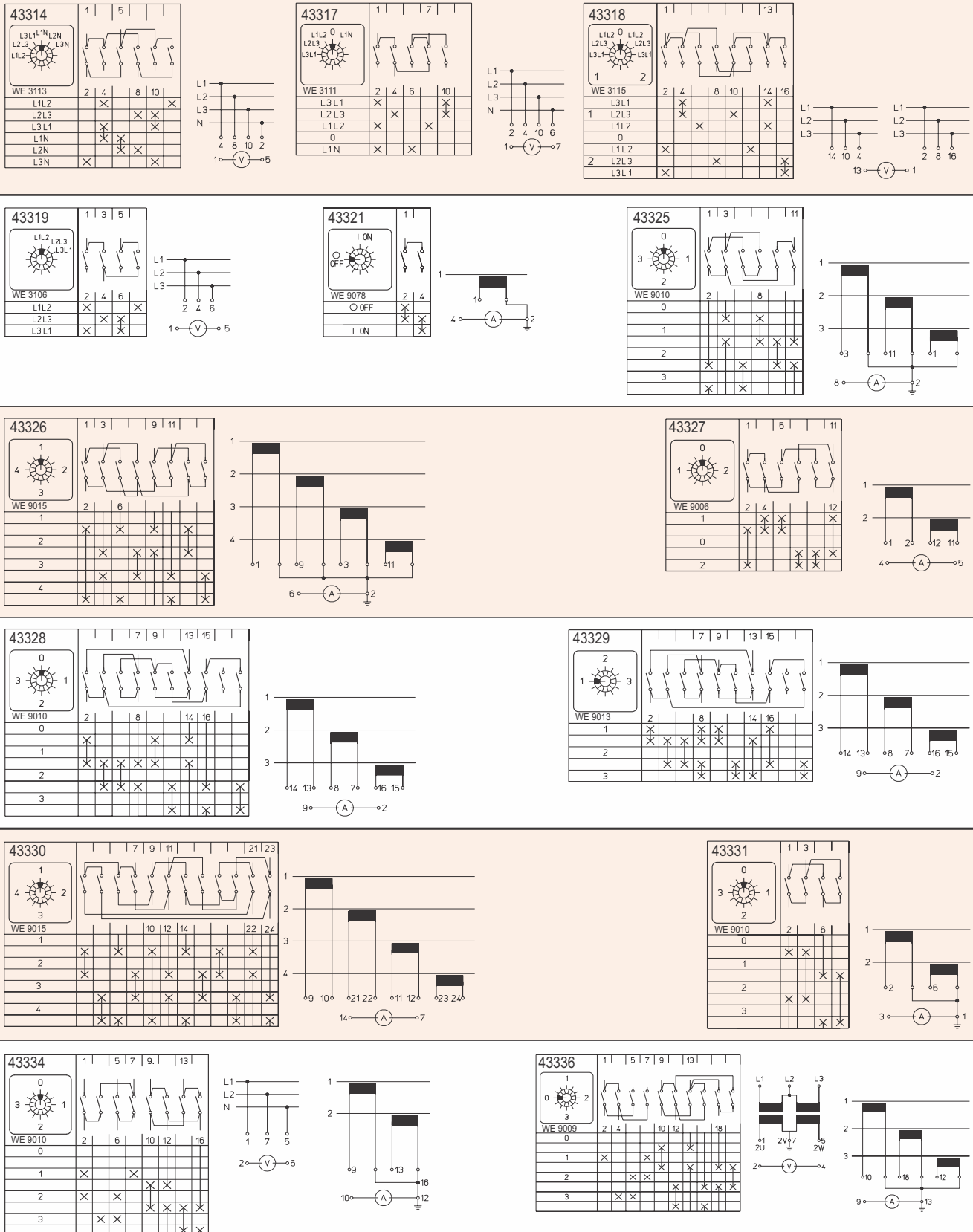


43 Series Rotary Switch

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Technical Information

Switching Diagram 43314 - 43336

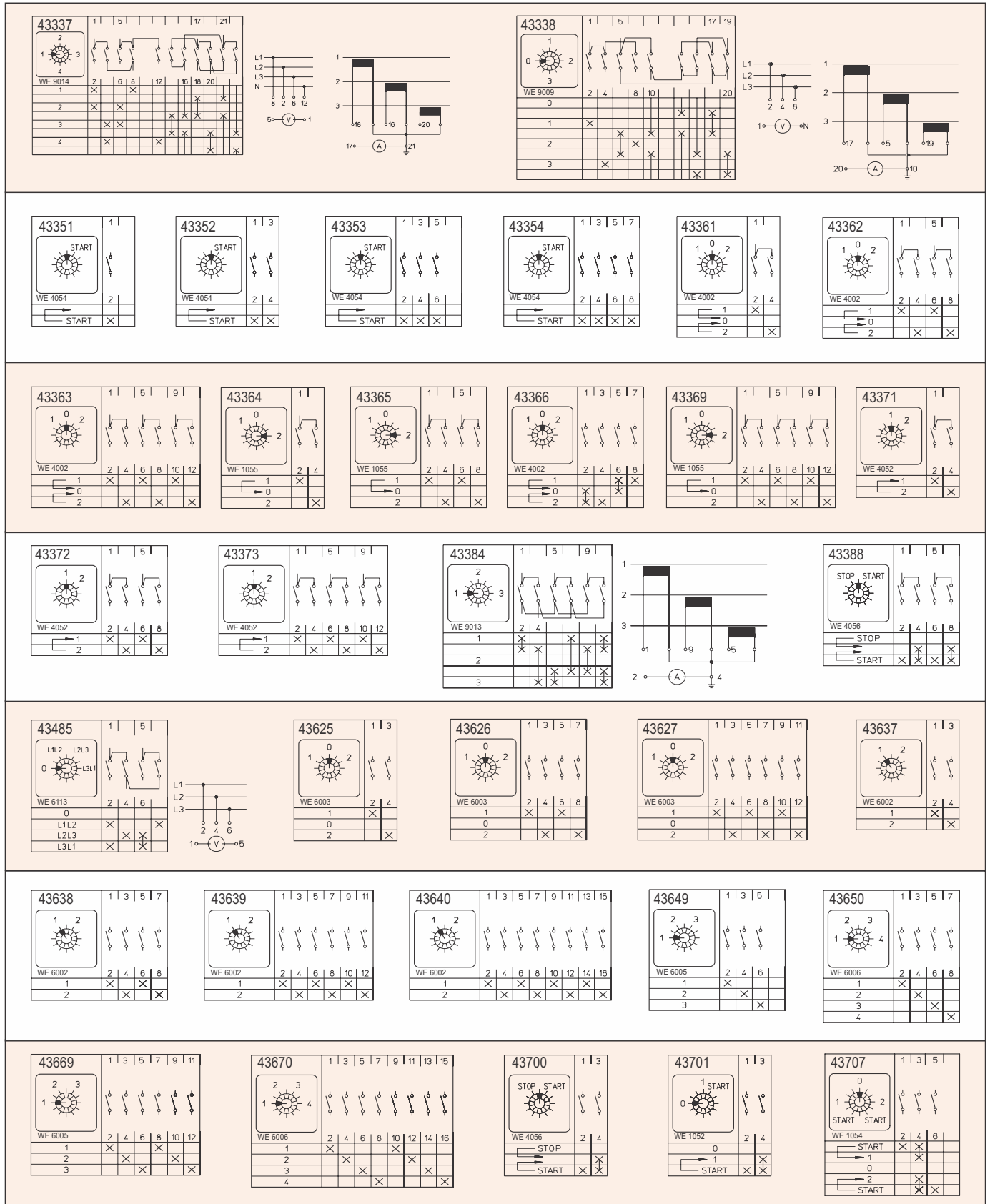


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Technical Information

Switching Diagram 43337- 43707

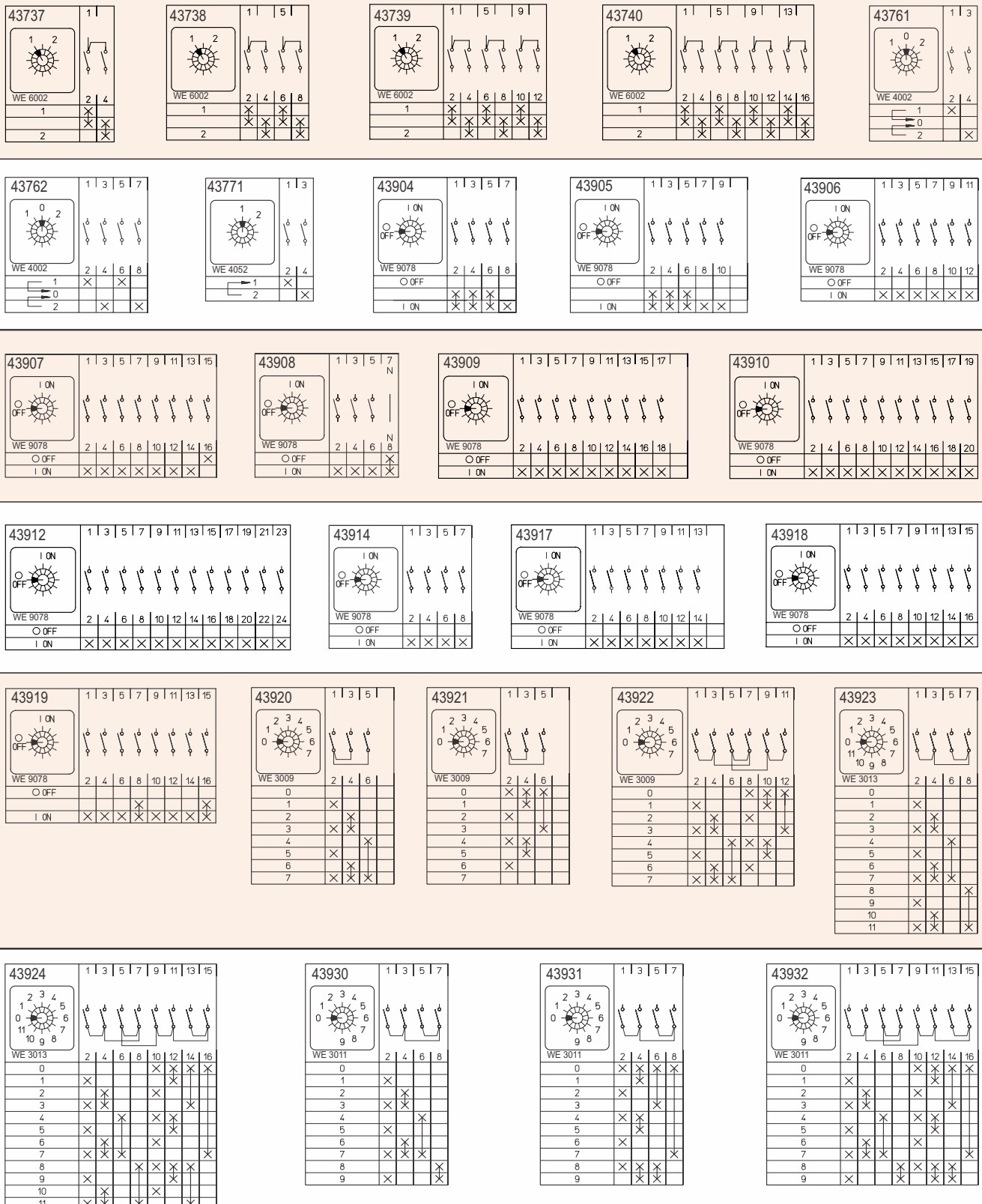


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Technical Information

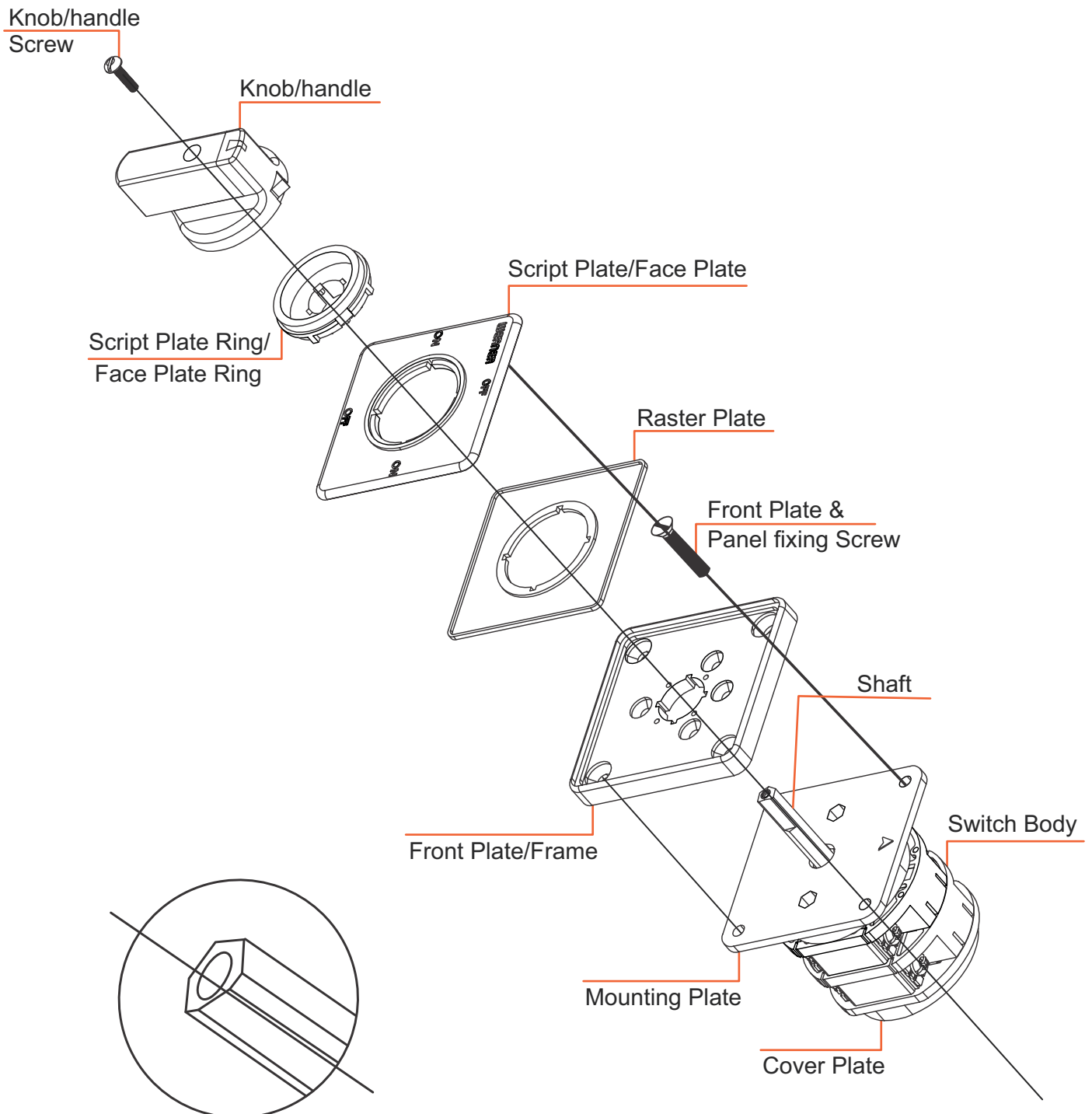
Switching Diagram 43737- 43932



43 Series Rotary Switch

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Installation procedure- Standard Switch



***Ensure Shaft Mating
Orientation with knob**

43 Series Rotary Switch

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Terms And Conditions

Please read this catalog before purchasing any products. Please consult your *WERNER* representative for any clarifications or comments.

Application Considerations

WERNER shall not be responsible for conformity with any regulations, codes or standards that apply to use of the products. *WERNER* shall provide applicable third party certification documents identifying ratings and limitations of use that apply to the products in case of the customer's request.

Prevent use the products for an application involving risk to life or property. Be sure that the *WERNER*'s products are properly rated and installed for the overall system or equipment.

WERNER shall not be responsible for the user's programming of a programmable products.

Warranty

WERNER's warranty represents that the products are free from defects in materials and workmanship for a period of one year.

WERNER shall not be responsible for any special loss of profit, commercial loss, indirect or consequential damages relevant to products.

WERNER shall not be responsible for repair, warranty or any claims regarding the products unless *WERNER*'s Analysis confirm that the products were properly stored, installed, handled, maintained and not a result of accident, insufficient, abuse, misuse, natural disaster, improper installation excessive electrical supply, environmental conditions or abnormal mechanical.

Disclaimers

WERNER shall practice to change type/model numbers when published ratings or features are changed, however some specifications of the products may be changed without any notice.

When in doubt, please consult with your *WERNER* representative to confirm actual specifications of products.

WERNER shall change product specifications and accessories at any time based on improvements and other reasons.

The information in this catalog has been carefully checked. However, *WERNER* take no responsibilities for clerical, typographical or proofreading errors.

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Product specifications are subject to change without notice.

Thank you for choosing *WERNER* products.



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H.Q.

Werner Electric Private Limited

#278/C, Hebbal Industrial Area, Mysore-570018, India
Tel: +91 73539 47299, E-mail: info@wernerelektrik.com

Werner Malaysia Sdn Bhd,

45-2, Jalan Tiara 2B, Bandar Baru Klang,
41150, Klang, Selangor, Malaysia.

Tel: +60 13 533 3348, E-mail: info@wernerelektrik.com

Werner Elektrik Türkiye

Ayazağa Mah. Mimar Sinan Sok. Seba Office Boulevard.
D Blok. No.: 21D/45 Sarıyer / İstanbul, Türkiye.

Telefon: +90 539 829 25 07 , E-posta: info@wernerelektrik.com

www.wernerelektrik.com