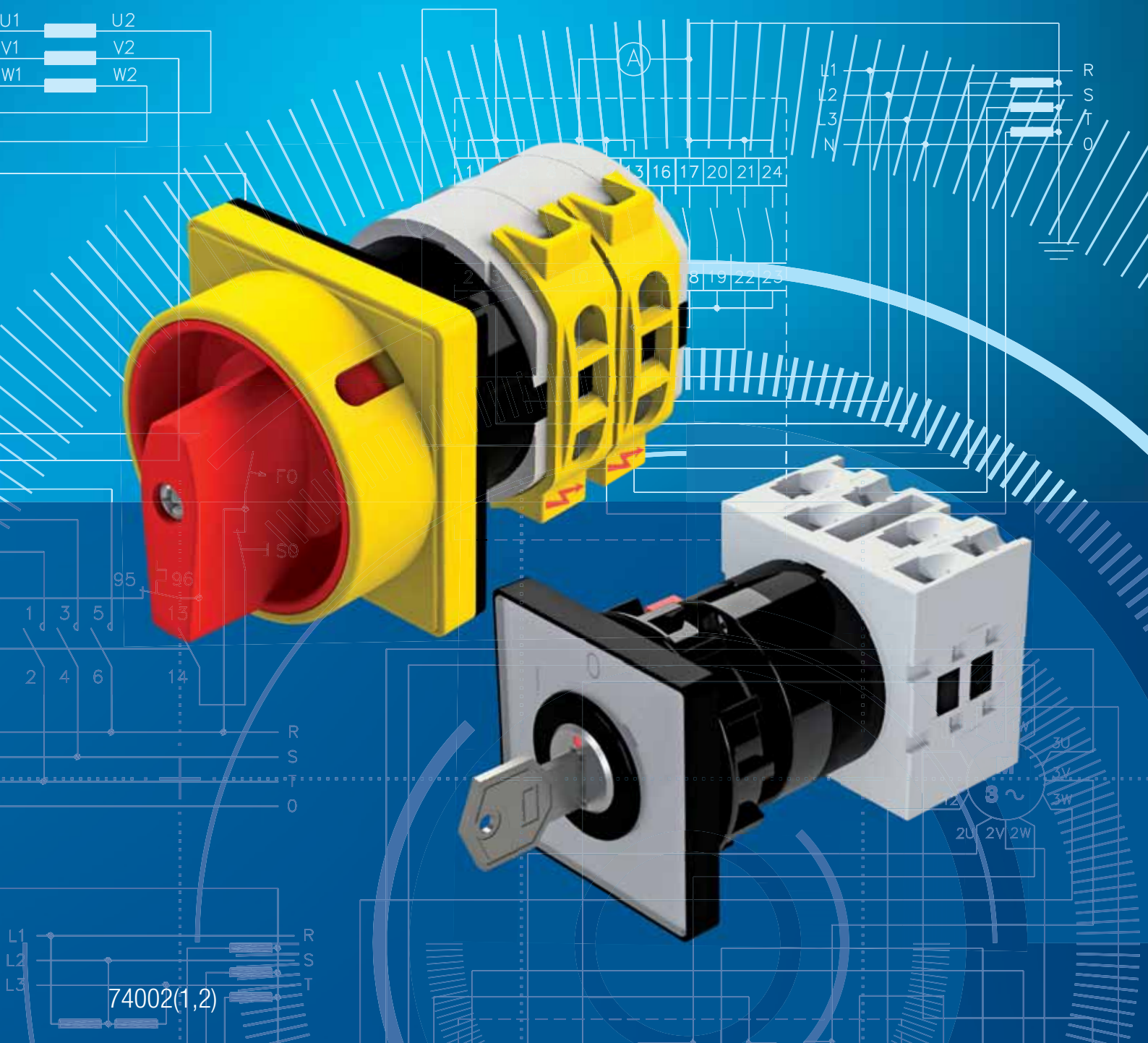


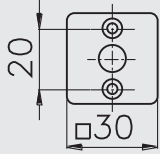

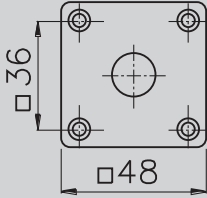

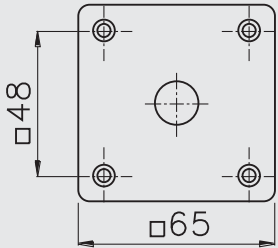


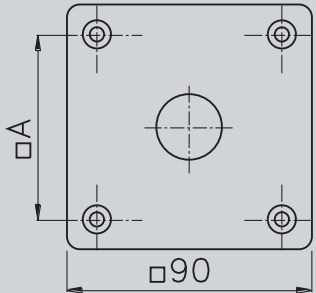


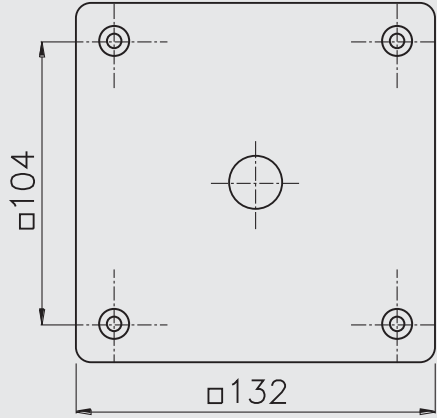


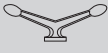
# SHEME

Grebenaste  
sklopke

*Rotary cam  
switches*

**GN, GF, 4G, GX**

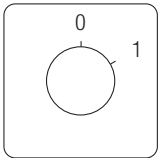
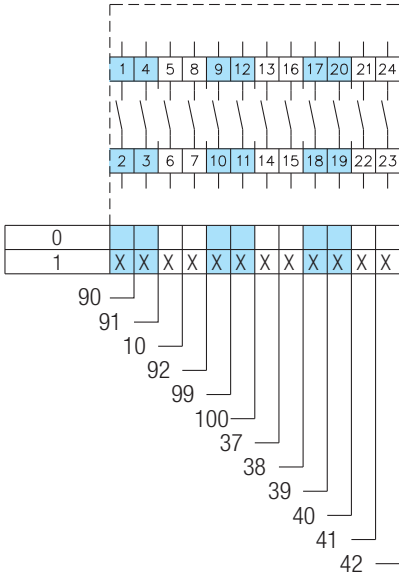
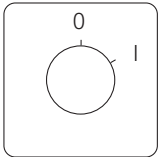
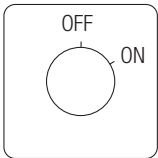
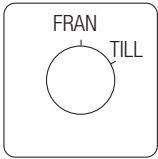


Veličina Size	Ugradbene dimenzije Mounting dimensions (mm)	Ručica Handle	Tip / Type				Termička struja Thermal current (A)	AC3 3X380/400V (kW)	AC23 3X380/400V (kW)						
			GN	GF	4G	GX									
A00				GF10			10	2,2	3						
				GF20R			20	5	7,5						
A0				GF10H			10	2,2	3						
			GN12	4G10			16	4	6						
				GX16			16	4,5	6,5						
				GF20			20	5	7,5						
			GN20		GX20		20	5,5	7,5						
			GN25				25	7,5	11						
A1		 		GN12H			16	4	6						
				GX16H			16	4,5	6,5						
				4G16			20	8	8						
			GN20H		GX20H		20	5,5	7,5						
				GF20H			20	5	7,5						
				4G25			25	13	13						
			GN25H				25	7,5	11						
			GN32		GX32		32	11	15						
			GN40		GX40		40	15	18,5						
			GN63				63	18,5	30						
A2	 <table border="1" data-bbox="354 1496 549 1572"> <tr> <td>4G</td> <td>□A</td> </tr> <tr> <td></td> <td>72</td> </tr> <tr> <td>GN</td> <td>68</td> </tr> </table>	4G	□A		72	GN	68	 		GN32H		GX32H	32	11	15
4G	□A														
	72														
GN	68														
				GN40H		GX40H	40	15	18,5						
				4G40			50	21	21						
			GN63H				63	18,5	30						
				4G63			63	32	32						
				4G80			80	37	37						
			GN125				125	37	45						
A3		  		GN125H			125	37	45						
				4G100			125	47	47						
				4G200			200	47	47						
				4G400			400	47	47						
				4G630			630	47	47						
				4G800			800	47	47						
				4G1200			1200	47	47						

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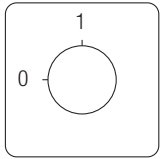
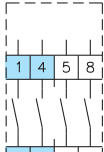
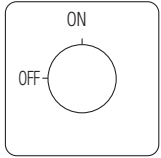
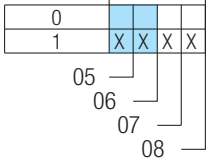
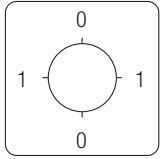
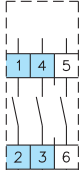
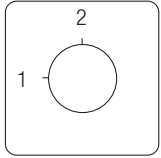
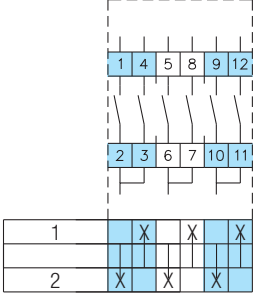
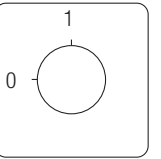
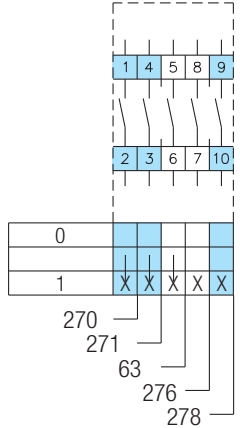
SKLOPKE S KUTOM ZAKRETA 60° *SWITCHES WITH 60° SWITCHING*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem.* <i>No of elem.*</i>	Dijagram <i>Diagram</i>
1 polna <i>1 pole</i>	 <p>P6001</p>	90	1	
2 polna <i>2 pole</i>		91	1	
3 polna <i>3 pole</i>		10	2	
4 polna <i>4 pole</i>		92	2	
5 polna <i>5 pole</i>		99	3	
6 polna <i>6 pole</i>		100	3	
7 polna <i>7 pole</i>		37	4	
8 polna <i>8 pole</i>		38	4	
9 polna <i>9 pole</i>		39	5	
10 polna <i>10 pole</i>		40	5	
11 polna <i>11 pole</i>		41	6	
12 polna <i>12 pole</i>		42	6	
1 polna <i>1 pole</i>	 <p>P6011</p>	C90	1	
2 polna <i>2 pole</i>		C91	1	
3 polna <i>3 pole</i>		C10	2	
4 polna <i>4 pole</i>		C92	2	
1 polna <i>1 pole</i>	 <p>P6032</p>	D90	1	
2 polna <i>2 pole</i>		D91	1	
3 polna <i>3 pole</i>		D10	2	
4 polna <i>4 pole</i>		D92	2	
5 polna <i>5 pole</i>		D99	3	
6 polna <i>6 pole</i>		D100	3	
1 polna <i>1 pole</i>	 <p>P6062</p>	E90	1	
2 polna <i>2 pole</i>		E91	1	
3 polna <i>3 pole</i>		E10	2	
4 polna <i>4 pole</i>		E92	2	
5 polna <i>5 pole</i>		E99	3	
6 polna <i>6 pole</i>		E100	3	

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

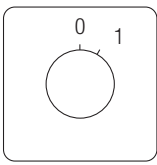
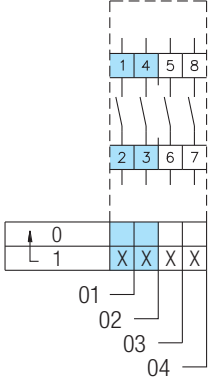
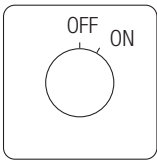
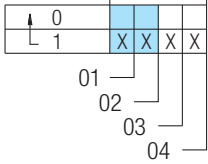
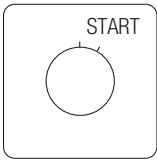
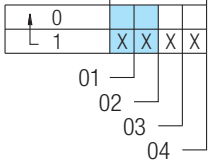
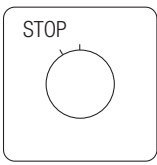
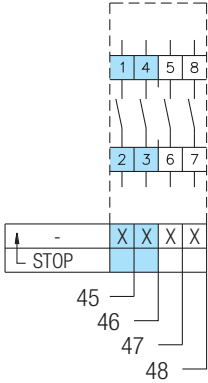
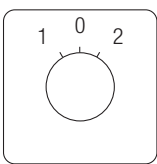
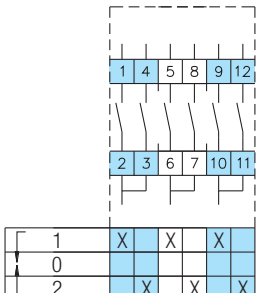
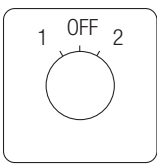
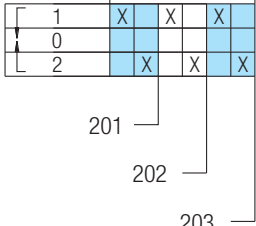
# SKLOPKE S KUTOM ZAKRETA 90° *SWITCHES WITH 90° SWITCHING*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem.* <i>No of elem.*</i>	Dijagram <i>Diagram</i>
1 polna <i>1 pole</i>	 <p>P9037</p>	<b>05</b>	1	
2 polna <i>2 pole</i>		<b>06</b>	1	
3 polna <i>3 pole</i>		<b>07</b>	2	
4 polna <i>4 pole</i>		<b>08</b>	2	
1 polna <i>1 pole</i>	 <p>P9067</p>	<b>C05</b>	1	
2 polna <i>2 pole</i>		<b>C06</b>	1	
3 polna <i>3 pole</i>		<b>C07</b>	2	
4 polna <i>4 pole</i>		<b>C08</b>	2	
3 polna (rotacija 360°) <i>3 pole (360° rotation)</i>	 <p>P9009</p>	<b>09</b>	2	
3 polna (rotacija 360°) <i>3 pole (360° rotation)</i>				
3 polna strujna preklonka <i>3 pole current change over switch</i>	 <p>P9049</p>	<b>57</b>	3	
4 polna 1 pol prethodi <i>4 pole 1 pole preclose</i>				
5 polna 2 pola prethode <i>5 pole 2 pole preclose</i>	<b>277</b>	3		
1 polna raniji uklop <i>1 pole early make</i>	<b>270</b>	1		
2 polna raniji uklop <i>2 pole early make</i>	<b>271</b>	1		
3 polna raniji uklop <i>3 pole early make</i>	<b>63</b>	2		
4 polna 3 pola prethode <i>4 pole 3 pole preclose</i>	 <p>P9037</p>	<b>276</b>	2	
5 polna 3 pola prethode <i>5 pole 3 pole preclose</i>		<b>278</b>	3	

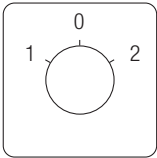
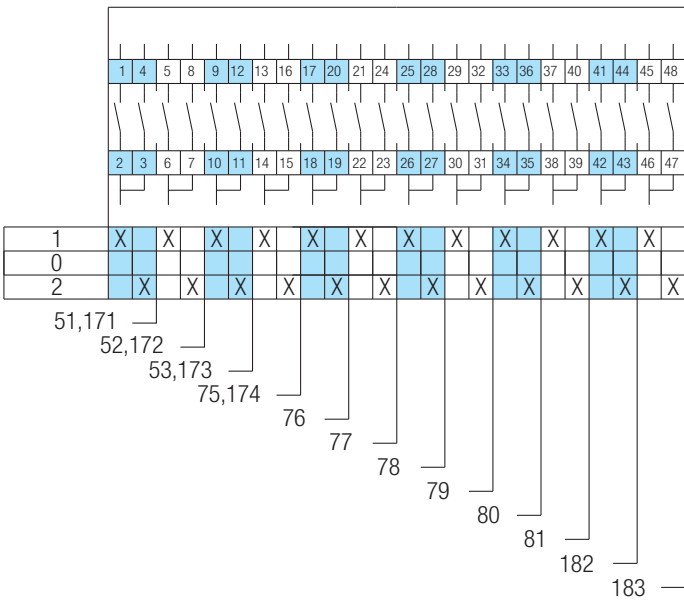
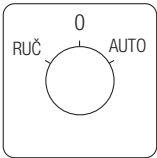
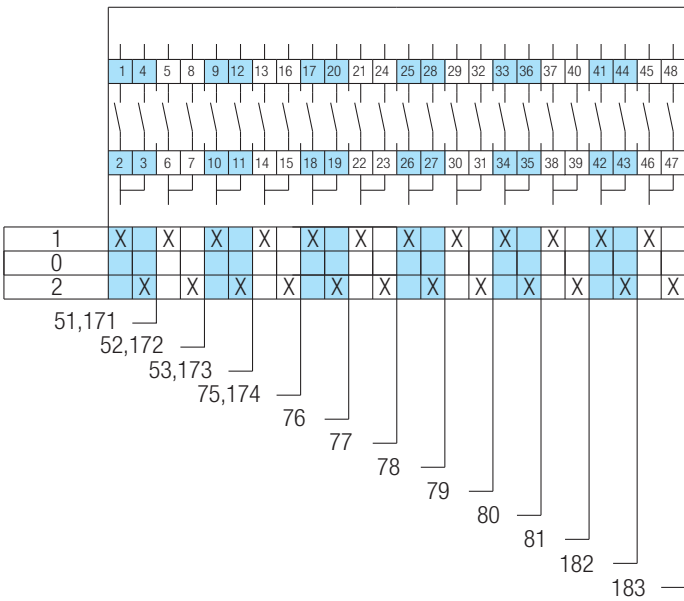
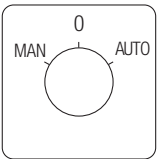
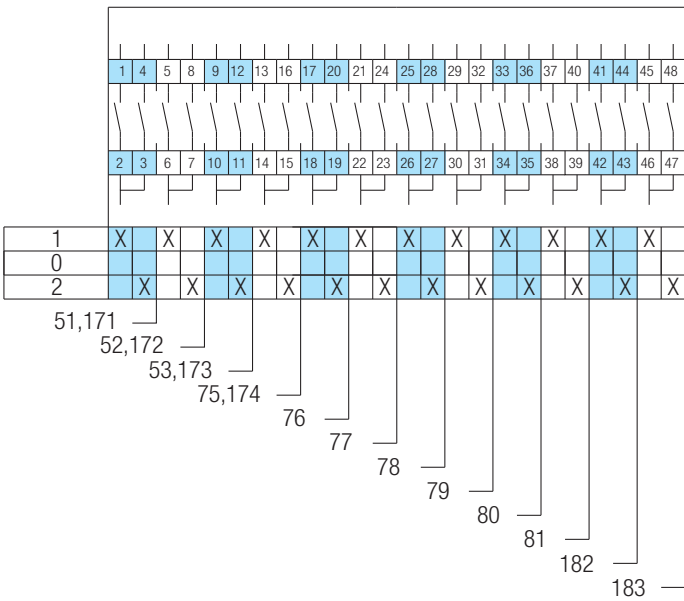
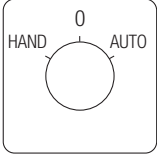
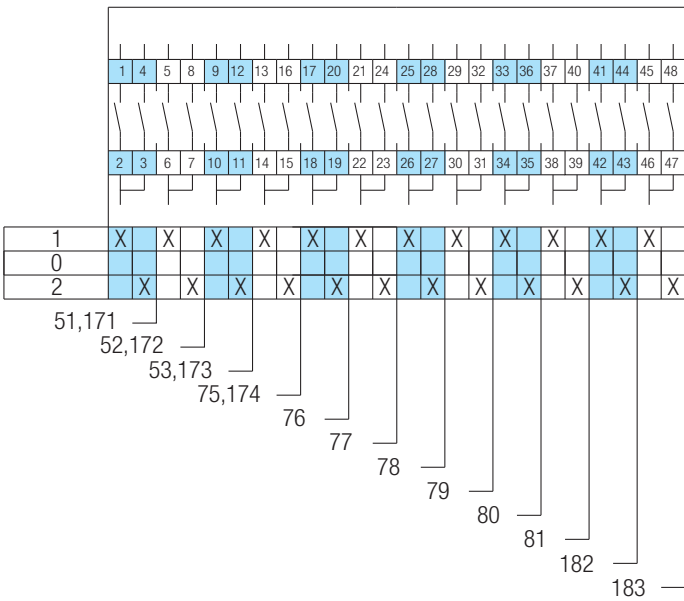
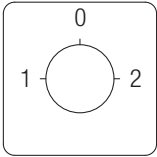
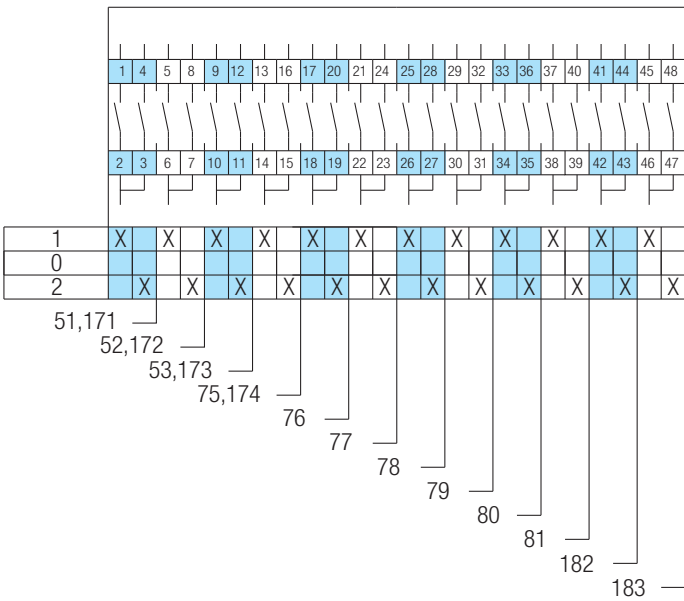
\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

SKLOPKE S POVRATOM - KUT ZAKRETA 30° SWITCHES SPRING RETURN WITH 30° SWITCHING

Funkcija Function	Podloga Escutcheon plate	Kod Code	Br. elem. No of elem.	Dijagram Diagram
1 polna 1 pole	 <p>P3001</p>	01	1	
2 polna 2 pole		02	1	
3 polna 3 pole		03	2	
4 polna 4 pole		04	2	
1 polna 1 pole	 <p>P3045</p>	C01	1	
2 polna 2 pole		C02	1	
3 polna 3 pole		C03	2	
4 polna 4 pole		C04	2	
1 polna 1 pole	 <p>P3101</p>	D01	1	
2 polna 2 pole		D02	1	
3 polna 3 pole		D03	2	
4 polna 4 pole		D04	2	
1 polna 1 pole	 <p>P3102</p>	45	1	
2 polna 2 pole		46	1	
3 polna 3 pole		47	2	
4 polna 4 pole		48	2	
1 polna 1 pole	<p>s povratom u "0"</p>  <p>P3021</p>	201	1	
2 polna 2 pole		202	2	
3 polna 3 pole		203	3	
1 polna 1 pole	<p>s povratom u "0"</p>  <p>P3071</p>	C201	1	
2 polna 2 pole		C202	2	
3 polna 3 pole		C203	3	

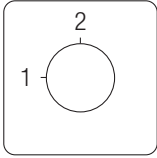
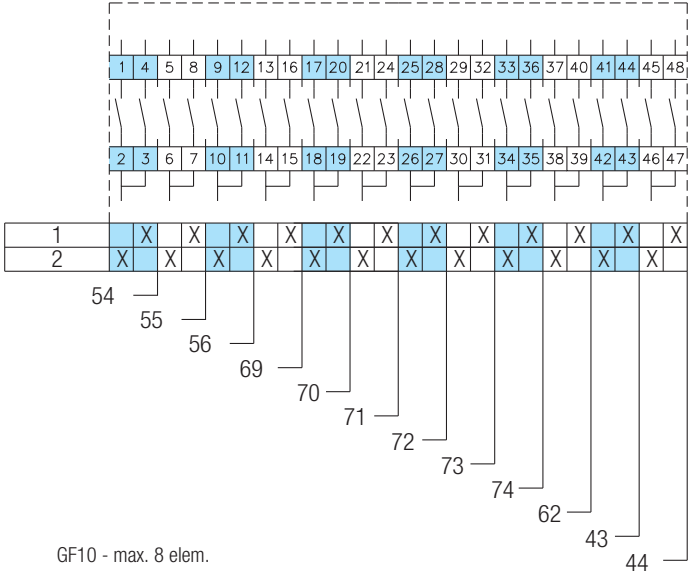
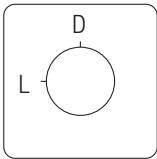
# PREKLOPKE S "0" POLOŽAJEM *CHANGEOVER SWITCHES WITH "0"*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem.* <i>No of elem.*</i>	Dijagram <i>Diagram</i>	
1 polna <i>1 pole</i>	 <p>P6012</p>	51	1		
2 polna <i>2 pole</i>		52	2		
3 polna <i>3 pole</i>		53	3		
4 polna <i>4 pole</i>		75	4		
5 polna <i>5 pole</i>		76	5		
6 polna <i>6 pole</i>		77	6		
7 polna <i>7 pole</i>		78	7		
8 polna <i>8 pole</i>		79	8		
9 polna <i>9 pole</i>		80	9		
10 polna <i>10 pole</i>		81	10		
11 polna <i>11 pole</i>		182	11		
12 polna <i>12 pole</i>		183	12		
1 polna <i>1 pole</i>	 <p>P6020</p>	C51	1		
2 polna <i>2 pole</i>		C52	2		
3 polna <i>3 pole</i>		C53	3		
4 polna <i>4 pole</i>		C75	4		
5 polna <i>5 pole</i>		C76	5		
6 polna <i>6 pole</i>		C77	6		
1 polna <i>1 pole</i>	 <p>P6021</p>	D51	1		
2 polna <i>2 pole</i>		D52	2		
3 polna <i>3 pole</i>		D53	3		
4 polna <i>4 pole</i>		D75	4		
5 polna <i>5 pole</i>		D76	5		
6 polna <i>6 pole</i>		D77	6		
1 polna <i>1 pole</i>	 <p>P6063</p>	E51	1		
2 polna <i>2 pole</i>		E52	2		
3 polna <i>3 pole</i>		E53	3		
4 polna <i>4 pole</i>		E75	4		
5 polna <i>5 pole</i>		E76	5		
6 polna <i>6 pole</i>		E77	6		
1 polna <i>1 pole</i>	 <p>P9004</p>	171	1		
2 polna <i>2 pole</i>		172	2		
3 polna <i>3 pole</i>		173	3		
4 polna <i>4 pole</i>		174	4		

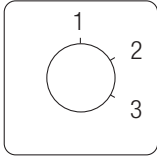
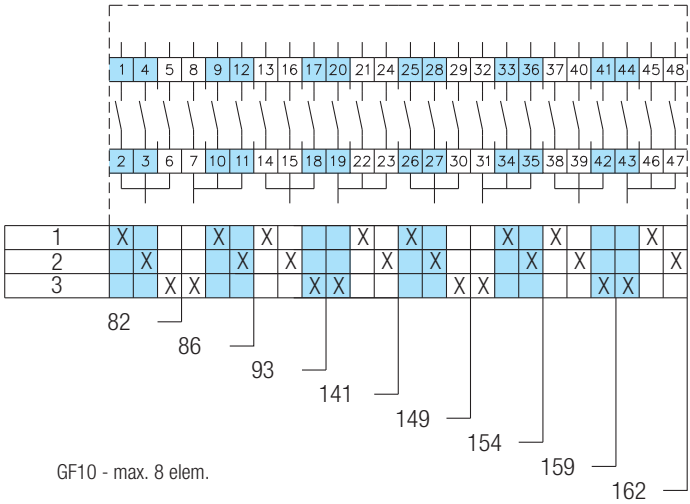
\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

PREKLOPKE BEZ "0" POLOŽAJA *CHANGEOVER SWITCHES WITHOUT "0"*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem.* <i>No of elem.*</i>	Dijagram <i>Diagram</i>
1 polna <i>1 pole</i>	 <p>P9049</p>	54	1	 <p>GF10 - max. 8 elem.</p>
2 polna <i>2 pole</i>		55	2	
3 polna <i>3 pole</i>		56	3	
4 polna <i>4 pole</i>		69	4	
5 polna <i>5 pole</i>		70	5	
6 polna <i>6 pole</i>		71	6	
7 polna <i>7 pole</i>		72	7	
8 polna <i>8 pole</i>		73	8	
9 polna <i>9 pole</i>		74	9	
10 polna <i>10 pole</i>		62	10	
11 polna <i>11 pole</i>		43	11	
12 polna <i>12 pole</i>		44	12	
1 polna <i>1 pole</i>	 <p>P9060</p>	C54	1	<p>GF10 - max. 8 elem.</p>
2 polna <i>2 pole</i>		C55	2	
3 polna <i>3 pole</i>		C56	3	
4 polna <i>4 pole</i>		C69	4	

STEPENASTE SKLOPKE BEZ "0" POLOŽAJA *MULTI-STEP SWITCHES WITHOUT "0"*

1 polna <i>1 pole</i>	 <p>P6023</p>	82	2	 <p>GF10 - max. 8 elem.</p>
2 polna <i>2 pole</i>		86	3	
3 polna <i>3 pole</i>		93	5	
4 polna <i>4 pole</i>		141	6	
5 polna <i>5 pole</i>		149	8	
6 polna <i>6 pole</i>		154	9	
7 polna <i>7 pole</i>		159	11	
8 polna <i>8 pole</i>		162	12	

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43



# STEPENASTE SKLOPKE BEZ "0" POLOŽAJA *MULTI-STEP SWITCHES WITHOUT "0"*

Funkcija  
*Function*

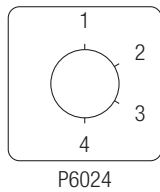
Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.\*  
*No of elem.\**

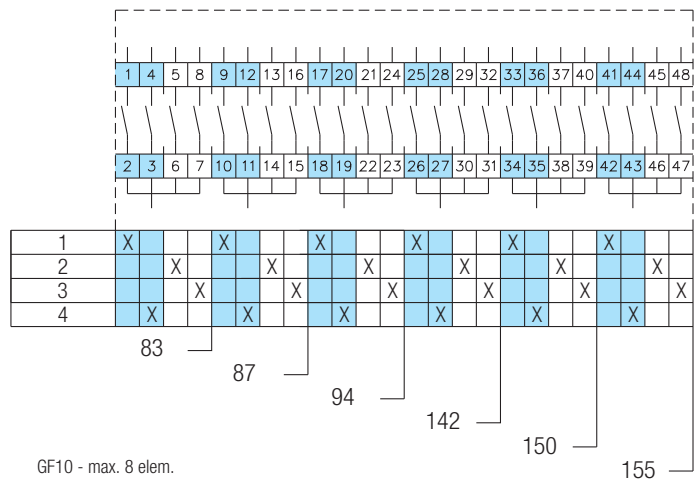
Dijagram  
*Diagram*

1 polna  
*1 pole*  
4 položaja  
*4 positions*  
2 polna  
*2 pole*  
3 polna  
*3 pole*  
4 polna  
*4 pole*  
5 polna  
*5 pole*  
6 polna  
*6 pole*



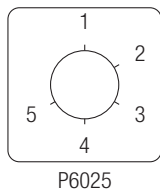
**83**  
**87**  
**94**  
**142**  
**150**  
**155**

2  
4  
6  
8  
10  
12



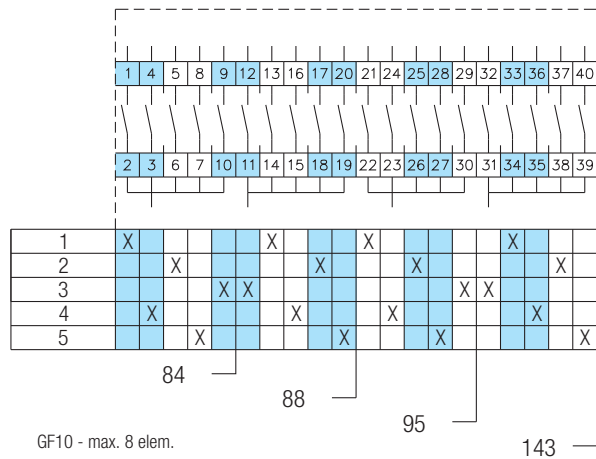
1 polna  
*1 pole*  
2 polna  
*2 pole*  
3 polna  
*3 pole*  
4 polna  
*4 pole*

5 položaja  
*5 positions*



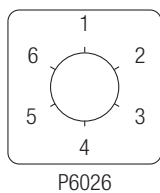
**84**  
**88**  
**95**  
**143**

3  
5  
8  
10



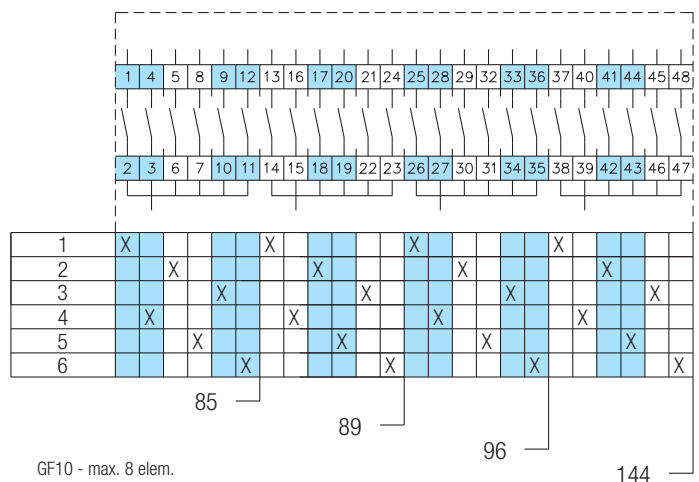
1 polna  
*1 pole*  
2 polna  
*2 pole*  
3 polna  
*3 pole*  
4 polna  
*4 pole*

6 položaja  
*6 positions*



**85**  
**89**  
**96**  
**144**

3  
6  
9  
12



\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

STEPENASTE SKLOPKE BEZ "0" POLOŽAJA MULTI-STEP SWITCHES WITHOUT "0"

Funkcija  
Function

Podloga  
Escutcheon plate

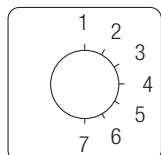
Kod  
Code

Br. elem.\*  
No of elem.\*

Dijagram  
Diagram

1 polna  
1 pole  
2 polna  
2 pole  
3 polna  
3 pole

7 položaja  
7 positions



P3078

101

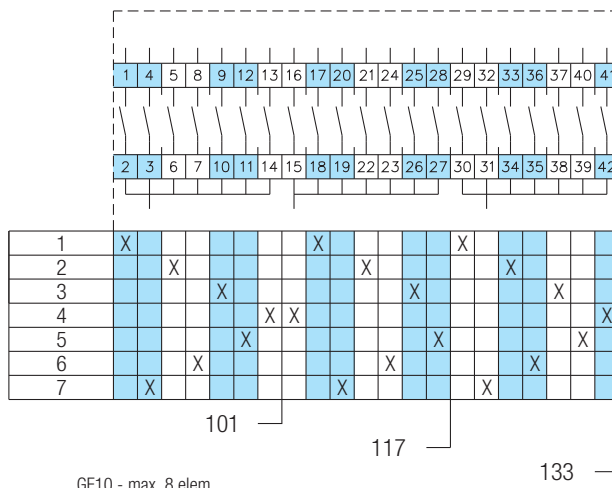
4

117

7

133

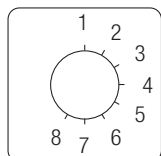
11



GF10 - max. 8 elem.

1 polna  
1 pole  
2 polna  
2 pole  
3 polna  
3 pole

8 položaja  
8 positions



P3079

102

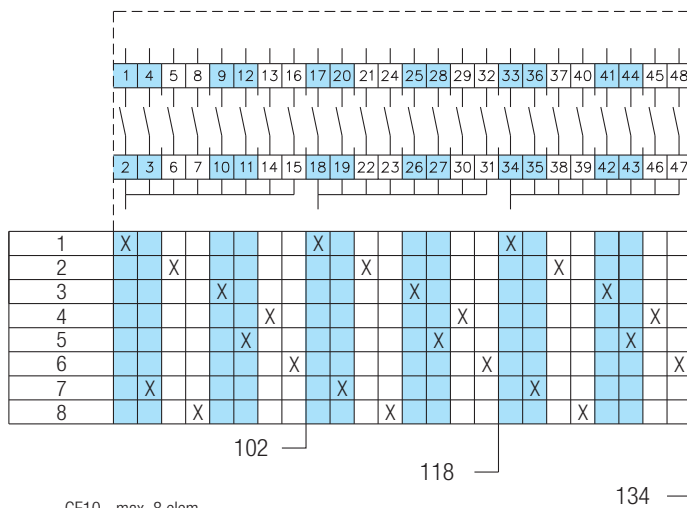
4

118

8

134

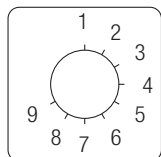
12



GF10 - max. 8 elem.

1 polna  
1 pole  
2 polna  
2 pole

9 položaja  
9 positions



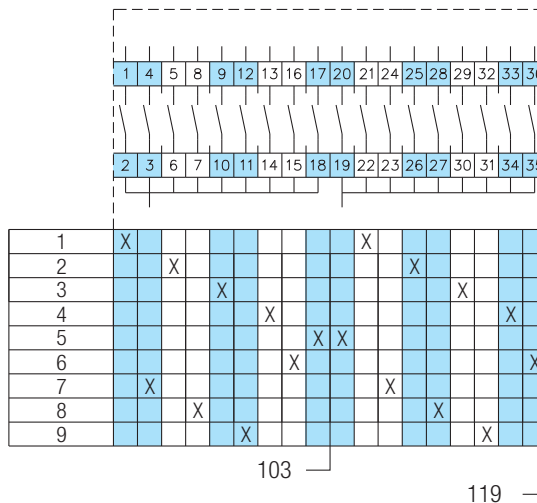
P3080

103

5

119

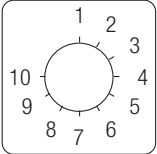
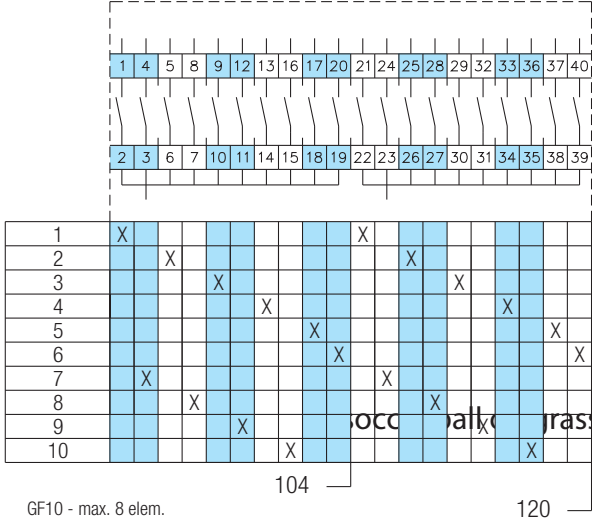
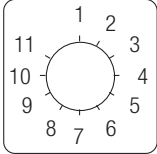
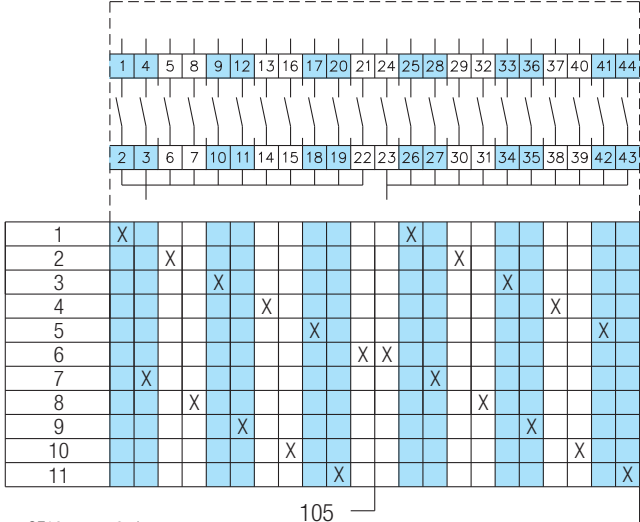
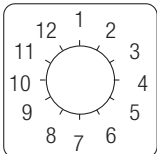
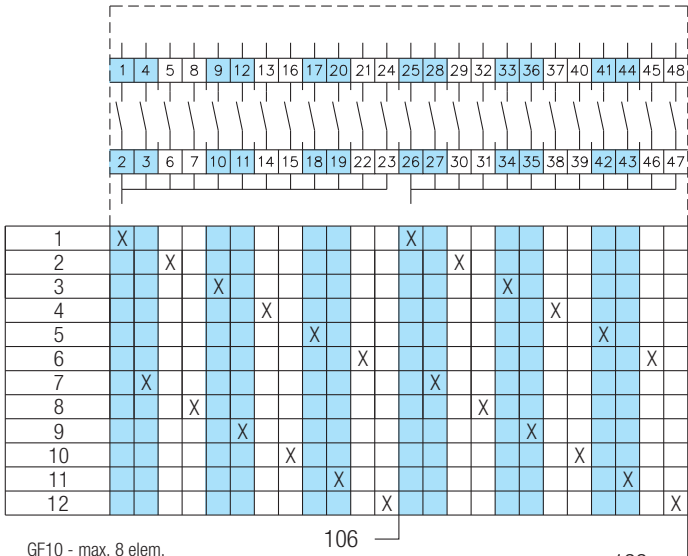
9



\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

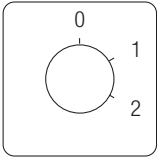
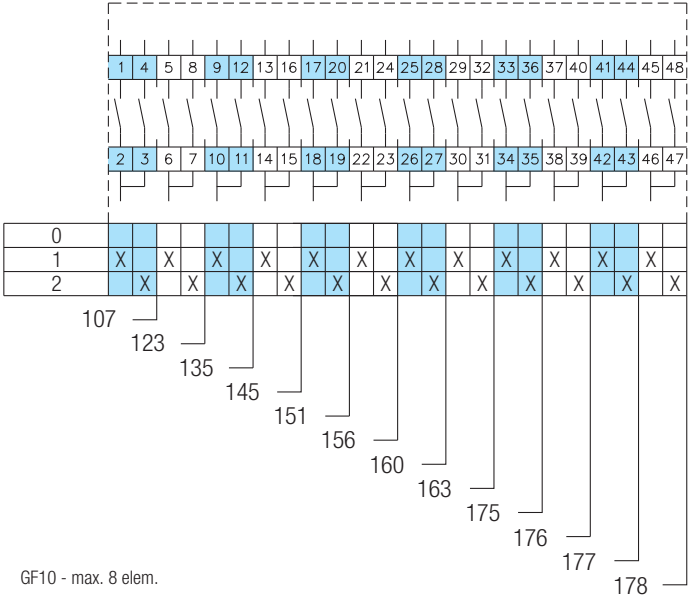
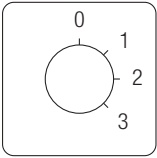
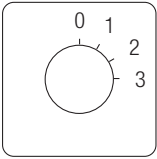
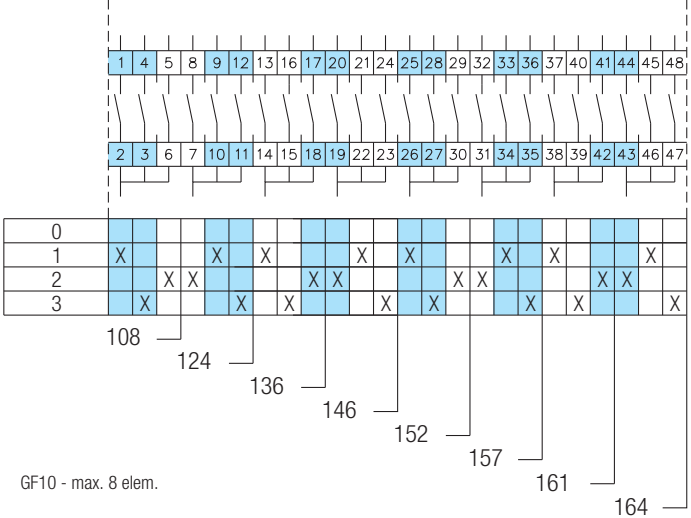
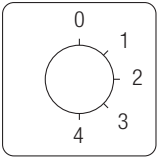
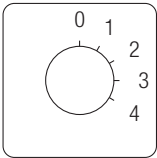
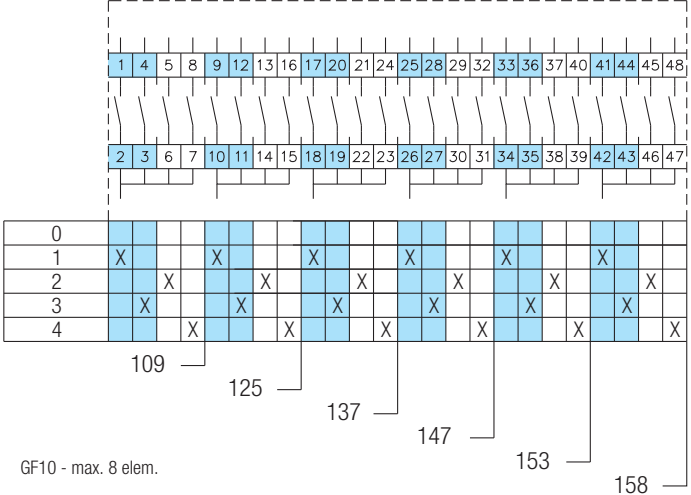
\* number of elements for switches 4G400-4G1200 - see pages 42-43

STEPENASTE SKLOPKE BEZ "0" POLOŽAJA *MULTI-STEP SWITCHES WITHOUT "0"*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem.* <i>No of elem.*</i>	Dijagram <i>Diagram</i>
1 polna <i>1 pole</i> 2 polna <i>2 pole</i>	10 položaja <i>10 positions</i>  P3081	104 120	5 10	 GF10 - max. 8 elem.
1 polna <i>1 pole</i> 2 polna <i>2 pole</i>	11 položaja <i>11 positions</i>  P3082	105 121	6 11	 GF10 - max. 8 elem.
1 polna <i>1 pole</i> 2 polna <i>2 pole</i>	12 položaja <i>12 positions</i>  P3083	106 122	6 12	 GF10 - max. 8 elem.

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43  
\* number of elements for switches 4G400-4G1200 - see pages 42-43

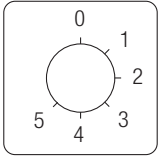
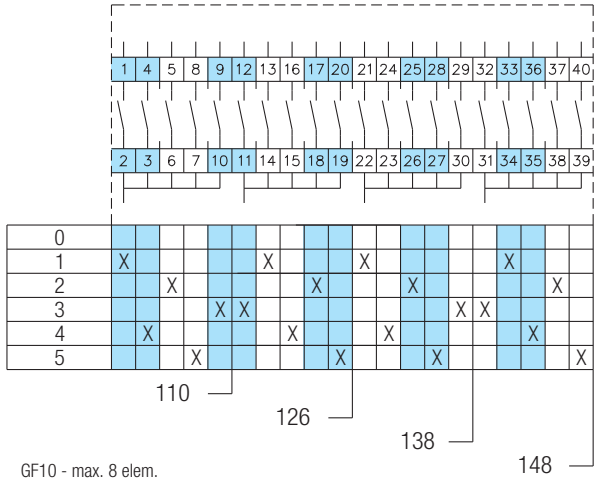
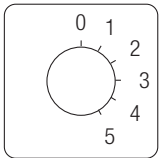
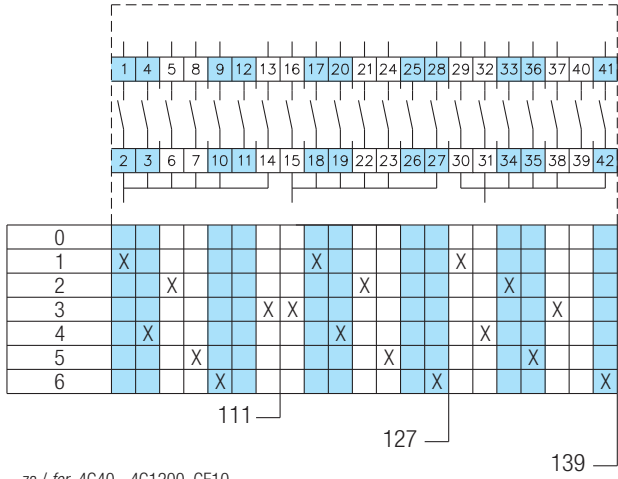
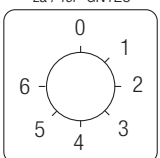
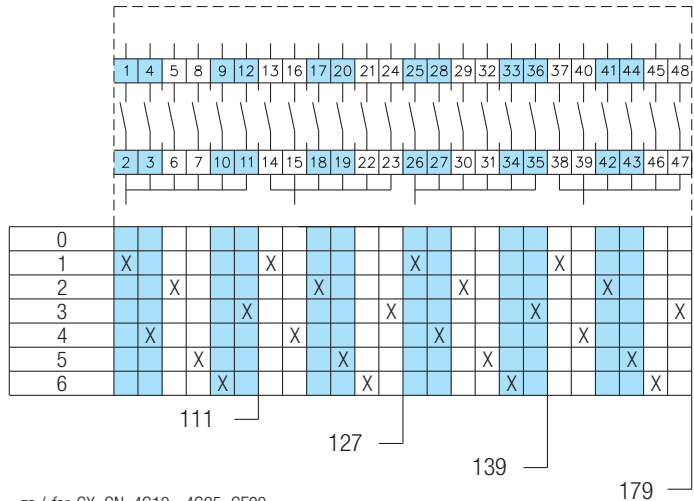
# STEPENASTE SKLOPKE S "0" POLOŽAJEM MULTI-STEP SWITCHES WITH "0"

Funkcija Function	Podloga Escutcheon plate	Kod Code	Br. elem.* No of elem.*	Dijagram Diagram		
1 polna 1 pole	 <p>P6006</p>	107	1	 <p>GF10 - max. 8 elem.</p>		
2 polna 2 pole		123	2			
3 polna 3 pole		135	3			
4 polna 4 pole		145	4			
5 polna 5 pole		151	5			
6 polna 6 pole		156	6			
7 polna 7 pole		160	7			
8 polna 8 pole		163	8			
9 polna 9 pole		175	9			
10 polna 10 pole		176	10			
11 polna 11 pole		177	11			
12 polna 12 pole		178	12			
1 polna 1 pole	<p>za / for GN125</p>  <p>P4003</p> <p>za / for GF, GX, 4G GN12 - GN63</p>  <p>P3003</p>	108	2	 <p>GF10 - max. 8 elem.</p>		
2 polna 2 pole		124	3			
3 polna 3 pole		136	5			
4 polna 4 pole		146	6			
5 polna 5 pole		152	8			
6 polna 6 pole		157	9			
7 polna 7 pole		161	11			
8 polna 8 pole		164	12			
1 polna 1 pole		<p>za / for GN125</p>  <p>P4004</p> <p>za / for GF, GX, 4G GN12 - GN63</p>  <p>P3004</p>	109		2	 <p>GF10 - max. 8 elem.</p>
2 polna 2 pole			125		4	
3 polna 3 pole			137		6	
4 polna 4 pole			147		8	
5 polna 5 pole	153		10			
6 polna 6 pole	158		12			

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

# STEPENASTE SKLOPKE S "0" POLOŽAJEM *MULTI-STEP SWITCHES WITH "0"*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem.* <i>No of elem.*</i>	Dijagram <i>Diagram</i>
1 polna <i>1 pole</i> 2 polna <i>2 pole</i> 3 polna <i>3 pole</i> 4 polna <i>4 pole</i>	<p>za / for GN125</p>  <p>P4005</p>	<b>110</b>	3	 <p>GF10 - max. 8 elem.</p>
		<b>126</b>	5	
		<b>138</b>	8	
		<b>148</b>	10	
1 polna <i>1 pole</i> 2 polna <i>2 pole</i> 3 polna <i>3 pole</i> 4 polna <i>4 pole</i>	<p>za / for GF, GX, 4G GN12 - GN63</p>  <p>P3005</p>	<b>111</b>	4	 <p>za / for 4G40 - 4G1200, GF10 GF10 - max. 8 elem.</p>
		<b>127</b>	7	
		<b>139</b>	11	
1 polna <i>1 pole</i> 2 polna <i>2 pole</i> 3 polna <i>3 pole</i> 4 polna <i>4 pole</i>	<p>za / for GN125</p>  <p>P4006</p>	<b>111</b>	3	 <p>za / for GX, GN, 4G10 - 4G25, GF20</p>
		<b>127</b>	6	
		<b>139</b>	9	
		<b>179</b>	12	

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

# STEPENASTE SKLOPKE S "0" POLOŽAJEM MULTI-STEP SWITCHES WITH "0"

Funkcija Function	Podloga Escutcheon plate	Kod Code	Br. elem.* No of elem.*	Dijagram Diagram
1 polna 1 pole	<p>za / for GN125</p> <p>P4007</p>	112	4	
	<p>za / for GF, GX, 4G GN12 - GN63</p> <p>P3007</p>			
2 polna 2 pole	<p>za / for GN125</p> <p>P4007</p>	128	8	
				<p>za / for 4G40 - 4G1200, GF10 GF10 - max. 8 elem.</p>
3 polna 3 pole	<p>za / for GF, GX, 4G GN12 - GN63</p> <p>P3007</p>	140	12	
				<p>za / for GX, GN, 4G10 - 4G25, GF20</p>

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

# STEPENASTE SKLOPKE S "0" POLOŽAJEM *MULTI-STEP SWITCHES WITH "0"*

Funkcija  
*Function*

Podloga  
*Escutcheon plate*

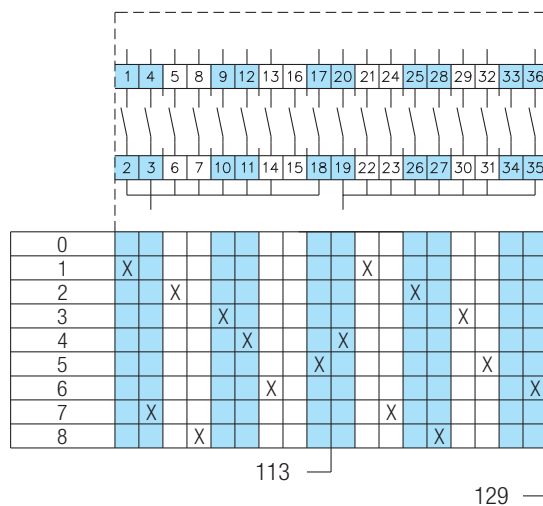
Kod  
*Code*

Br. elem.\*  
*No of elem.\**

Dijagram  
*Diagram*

113  
129

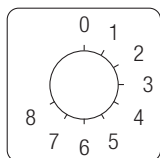
5  
9



za / for 4G40 - 4G1200, GF10  
GF10 - max. 8 elem.

1 polna  
*1 pole*  
2 polna  
*2 pole*  
3 polna  
*3 pole*

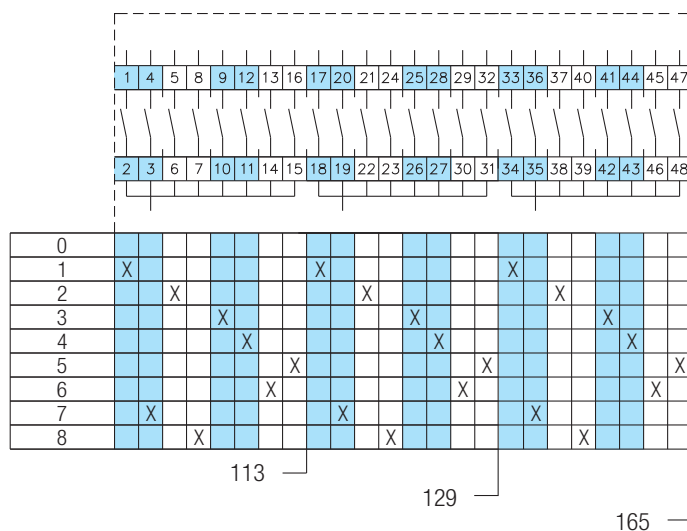
8 položaja  
*8 positions*



P3008

113  
129  
165

4  
8  
12



za / for GX, GN, 4G10 - 4G25, GF20

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

STEPENASTE SKLOPKE S "0" POLOŽAJEM MULTI-STEP SWITCHES WITH "0"

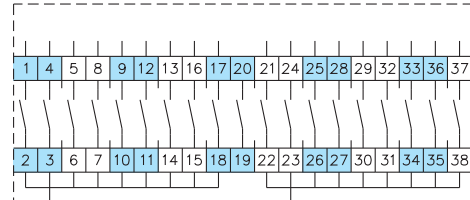
Funkcija  
Function

Podloga  
Escutcheon plate

Kod  
Code

Br. elem.\*  
No of elem.\*

Dijagram  
Diagram



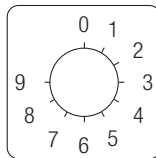
114 5  
130\*\* 10

0																																				
1	X															X																				
2			X																			X														
3					X																		X													
4									X																				X							
5										X																				X						
6											X					X																				X
7		X															X																			
8				X																																
9								X																								X				

\*\* za / for 4G40 - 4G1200, GF10  
GF10 - max. 8 elem.

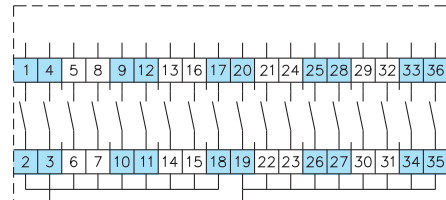
1 polna  
1 pole  
2 polna  
2 pole

9 položaja  
9 positions



P3009

130



0																																					
1	X															X																					
2			X																				X														
3					X																																
4									X																												X
5										X																											X
6											X	X																									
7		X															X																				
8				X																																	X
9								X																													X

za / for GX, GN, 4G10 - 4G25, GF20

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43





STEPENASTE SKLOPKE S "0" POLOŽAJEM MULTI-STEP SWITCHES WITH "0"

Funkcija  
Function

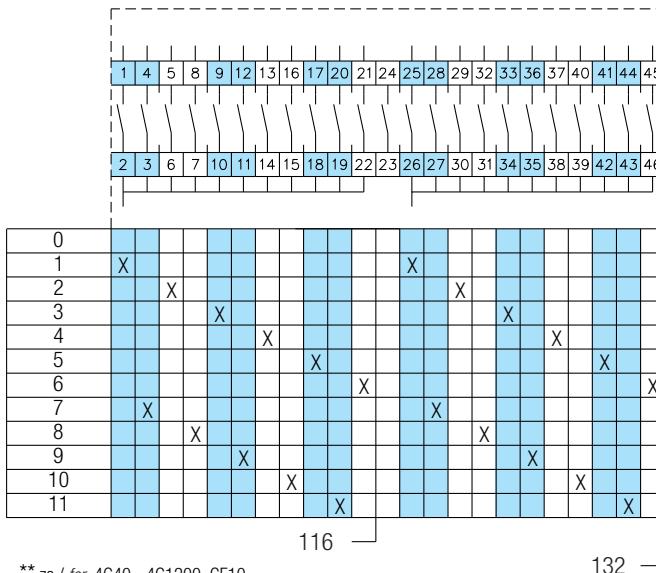
Podloga  
Escutcheon plate

Kod  
Code

Br. elem.\*  
No of elem.\*

Dijagram  
Diagram

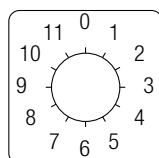
116  
6  
132\*\*  
12



\*\* za / for 4G40 - 4G1200, GF10  
GF10 - max. 8 elem.

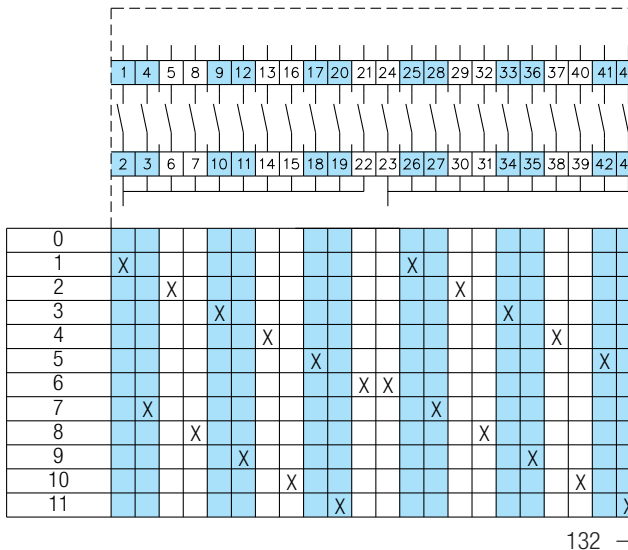
1 polna  
1 pole  
2 polna  
2 pole

11 položaja  
11 positions



P3011

132  
11



za / for GX, GN, 4G10 - 4G25, GF20

\* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

\* number of elements for switches 4G400-4G1200 - see pages 42-43

# GRUPNE SKLOPKE *GANG SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																
<p>2 GRUPE Sklopni slijed: 0, A, A+B 2 GANG Switching sequence: 0, A, A+B</p>	<p>P6045</p>	251	1	<table border="1"> <tr><td>0</td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td></td></tr> <tr><td>2</td><td>X</td><td>X</td></tr> </table> <p>251</p>	0			1	X		2	X	X							
0																				
1	X																			
2	X	X																		
<p>1 polna 1 pole</p>				<table border="1"> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td></td><td></td></tr> <tr><td>2</td><td>X</td><td>X</td><td></td></tr> <tr><td>3</td><td>X</td><td>X</td><td>X</td></tr> </table> <p>254</p>	0				1	X			2	X	X		3	X	X	X
0																				
1	X																			
2	X	X																		
3	X	X	X																	
<p>3 GRUPE Sklopni slijed: 0, A, A+B, A+B+C 3 GANG Switching sequence: 0, A, A+B, A+B+C</p>	<p>P3048</p>	254	2																	
<p>2 polna 2 pole</p>				<table border="1"> <tr><td>0</td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td>X</td></tr> <tr><td>2</td><td>X</td><td>X</td></tr> </table>	0			1	X	X	2	X	X							
0																				
1	X	X																		
2	X	X																		
<p>2 GRUPE Sklopni slijed: 0, A, A+B 2 GANG Switching sequence: 0, A, A+B</p>	<p>P6045</p>	252	2	<table border="1"> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td></td><td>X</td></tr> <tr><td>2</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td>X</td><td>X</td><td>X</td></tr> </table>	0				1	X		X	2	X	X	X	3	X	X	X
0																				
1	X		X																	
2	X	X	X																	
3	X	X	X																	
<p>3 GRUPE Sklopni slijed: 0, A, A+B, A+B+C 3 GANG Switching sequence: 0, A, A+B, A+B+C</p>	<p>P3048</p>	255	3	<table border="1"> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td></td><td>X</td></tr> <tr><td>2</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3</td><td>X</td><td>X</td><td>X</td></tr> </table>	0				1	X		X	2	X	X	X	3	X	X	X
0																				
1	X		X																	
2	X	X	X																	
3	X	X	X																	

GRUPNE SKLOPKE GANG SWITCHES

Funkcija  
Function

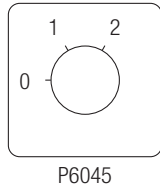
Podloga  
Escutcheon plate

Kod  
Code

Br. elem.  
No of elem.

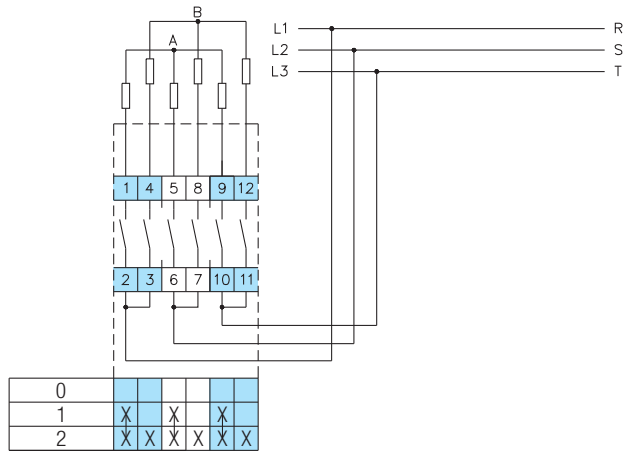
Dijagram  
Diagram

2 GRUPE  
Sklopni slijed:  
0, A, A+B  
2 GANG  
Switching sequence:  
0, A, A+B

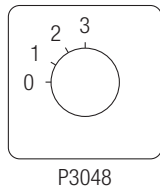


253

3

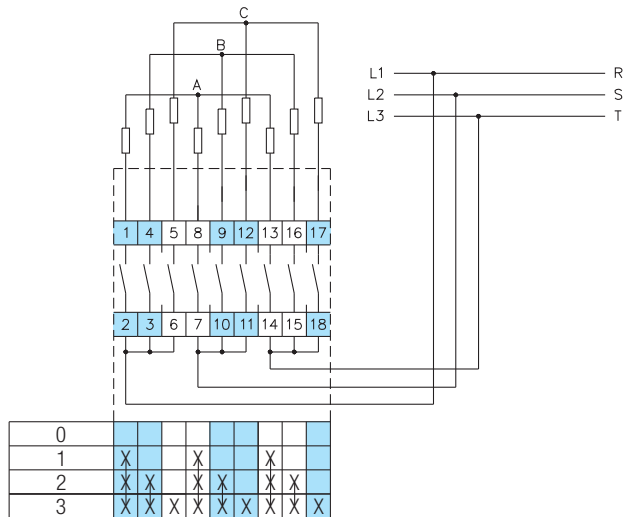


3 GRUPE  
Sklopni slijed:  
0, A, A+B, A+B+C  
3 GANG  
Switching sequence:  
0, A, A+B, A+B+C



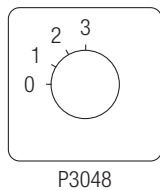
256

5



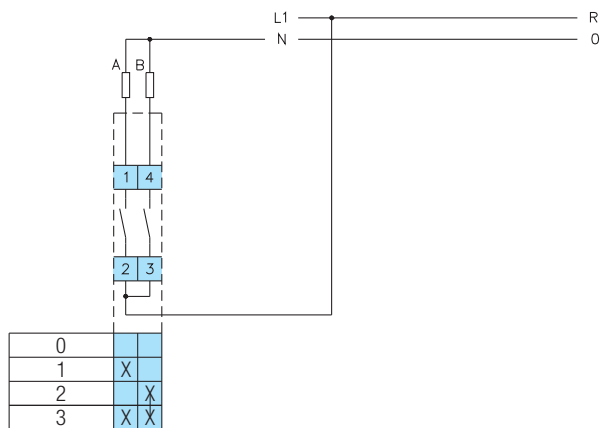
1 polna  
1 pole

2 GRUPE  
Sklopni slijed:  
0, A, B, A+B  
2 GANG  
Switching sequence:  
0, A, B, A+B



257

1



## GRUPNE SKLOPKE *GANG SWITCHES*

Funkcija  
*Function*

Podloga  
*Escutcheon plate*

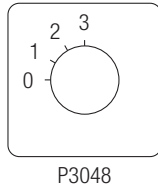
Kod  
*Code*

Br. elem.  
*No of elem.*

Dijagram  
*Diagram*

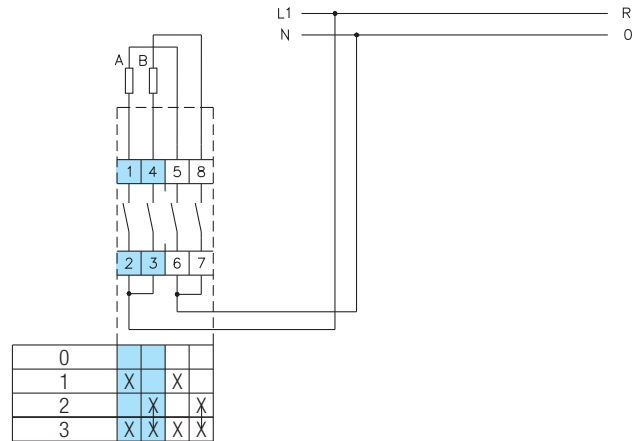
2 polna  
*2 pole*

2 GRUPE  
Sklopni slijed:  
0, A, B, A+B  
2 GANG  
*Switching sequence:*  
0, A, B, A+B



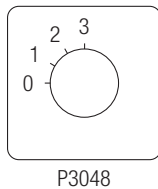
258

2



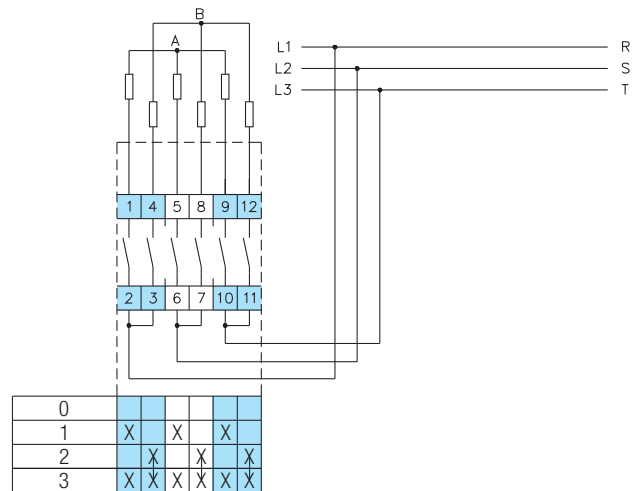
3 polna  
*3 pole*

2 GRUPE  
Sklopni slijed:  
0, A, B, A+B  
2 GANG  
*Switching sequence:*  
0, A, B, A+B



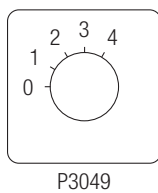
259

3



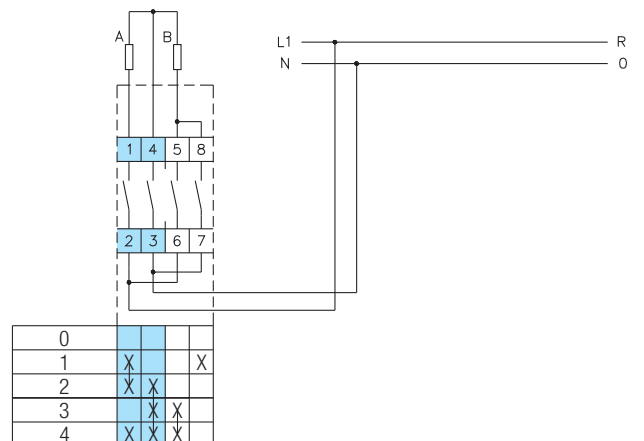
2 polna  
*2 pole*

2 GRUPE  
Sklopni slijed:  
0, A+B serijski, A, B,  
A+B paralelno  
2 GANG  
*Switching sequence:*  
0, A+B series, A, B,  
A+B parallel



260

2



# VOLTMETARSKE SKLOPKE VOLTMETER SWITCHES

Funkcija  
Function

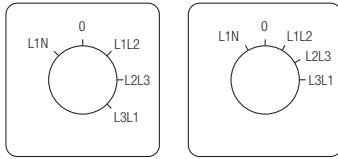
Podloga  
Escutcheon plate

Kod  
Code

Br. elem.  
No of elem.

Dijagram  
Diagram

za / for GX, GN  
4G10-4G25, GF20      za / for  
4G40-4G200, GF10



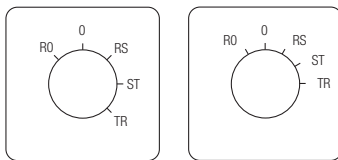
P4051

P3035

60

3

3 linijska napona i  
1 fazni napon  
3 line voltage and  
1 phase voltage

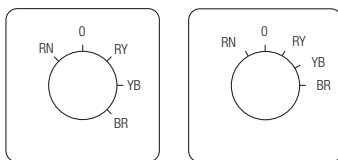


P4052

P3036

C 60

3

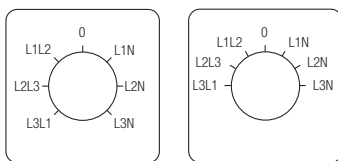


P4053

P3031

D 60

3



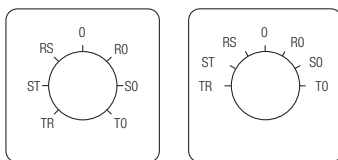
P4054

P3027

66

3

3 linijska napona i  
3 fazna napona  
3 line voltage and  
3 phase voltage

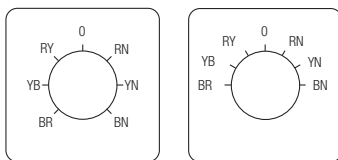


P4057

P3026

C 66

3

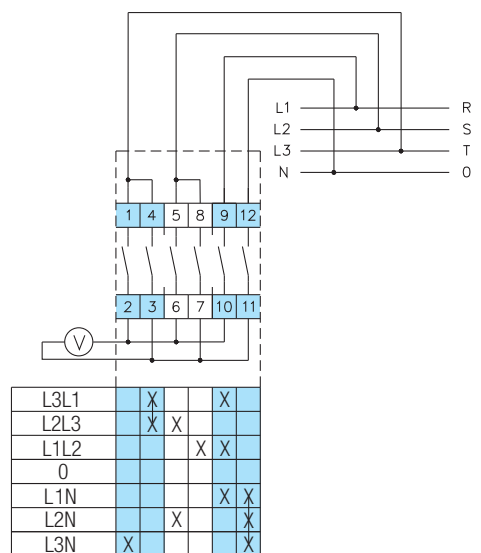
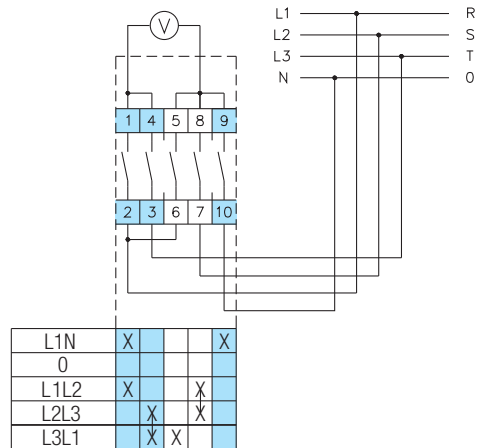


P4058

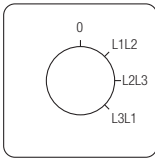
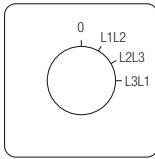
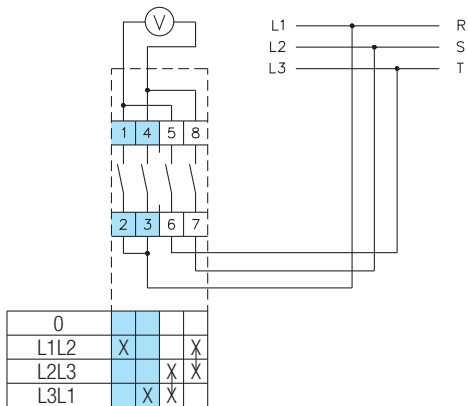
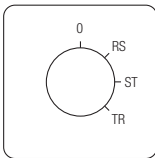
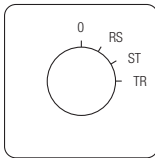
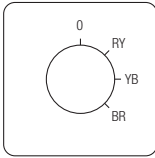
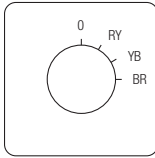
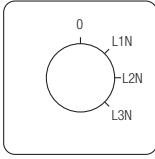
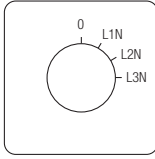
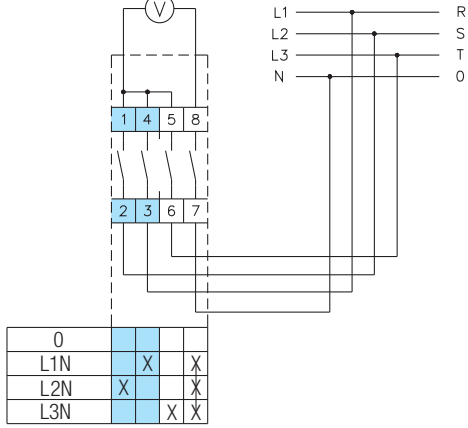
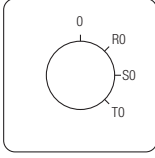
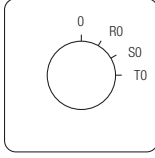
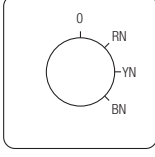
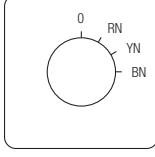
P3028

D 66

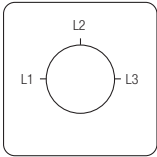
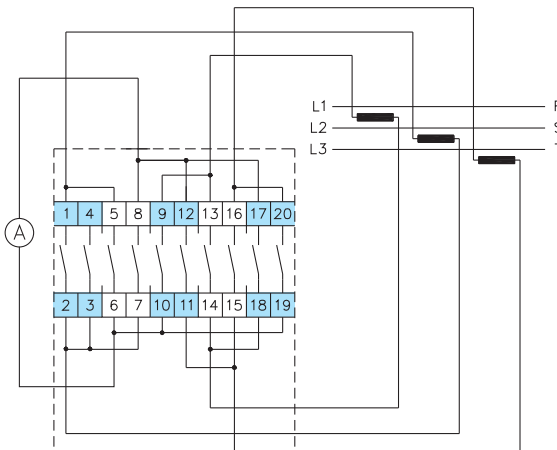
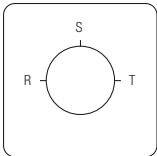
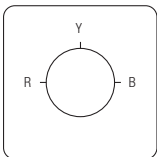
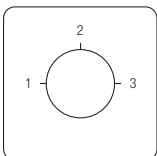
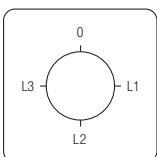
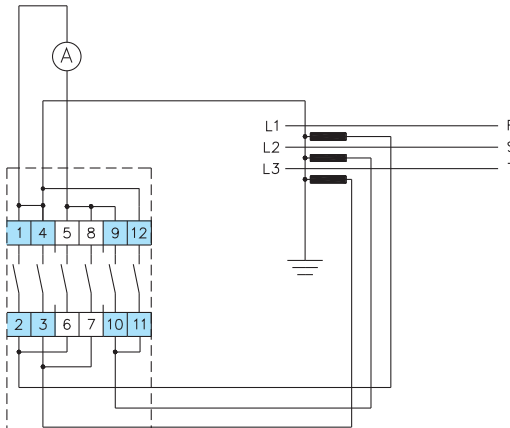
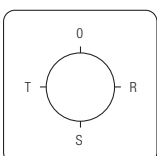
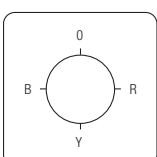
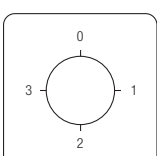
3



# VOLTMETARSKE SKLOPKE *VOLTMETER SWITCHES*

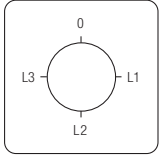
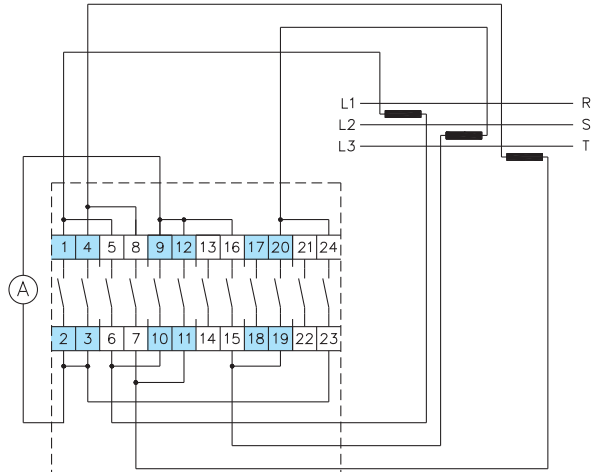
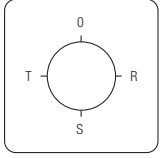
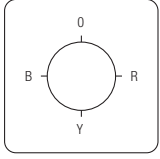
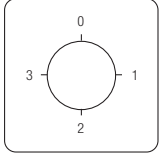
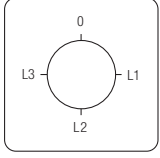
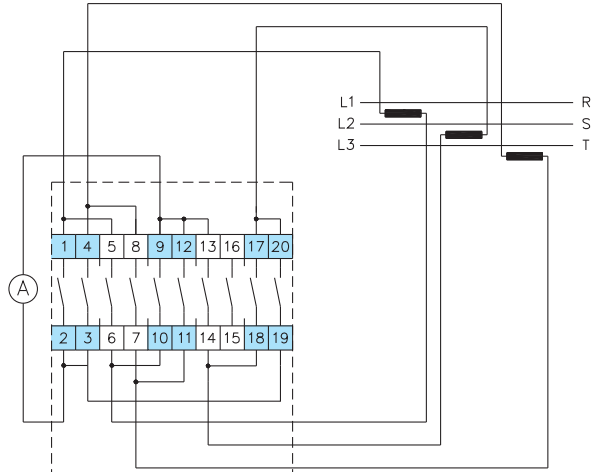
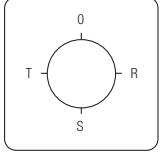
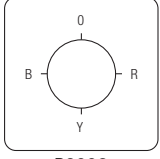
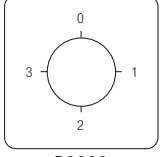
Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																					
3 linijska napona <i>3 line voltage</i>	za / for GX, GN 4G10-4G25, GF20  P4055	za / for 4G40-4G200 GF10  P3015	67	2	 <table border="1" data-bbox="975 884 1182 981"> <tr><td>0</td><td></td><td></td><td></td><td></td></tr> <tr><td>L1L2</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L2L3</td><td></td><td></td><td>X</td><td>X</td></tr> <tr><td>L3L1</td><td></td><td>X</td><td></td><td>X</td></tr> </table>	0					L1L2	X			X	L2L3			X	X	L3L1		X		X
	0																								
	L1L2	X				X																			
	L2L3			X		X																			
	L3L1		X			X																			
	 P4059	 P3013	C 67	2																					
 P4060	 P3019	D 67	2																						
3 fazna napona <i>3 phase voltage</i>	 P4056	 P3014	68	2	 <table border="1" data-bbox="975 1771 1182 1868"> <tr><td>0</td><td></td><td></td><td></td><td></td></tr> <tr><td>L1N</td><td></td><td>X</td><td></td><td>X</td></tr> <tr><td>L2N</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L3N</td><td></td><td></td><td>X</td><td>X</td></tr> </table>	0					L1N		X		X	L2N	X			X	L3N			X	X
	0																								
	L1N		X			X																			
L2N	X			X																					
L3N			X	X																					
 P4061	 P3012	C 68	2																						
 P4062	 P3017	D 68	2																						

# AMPERMETARSKE SKLOPKE *AMMETER SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																								
2polna 3 struje (sa ili bez strujnih transformatora) <i>2 pole 3 currents (with or without current transformers)</i>	 P9057	58	5	 <table border="1" data-bbox="742 929 1093 1108"> <tr><td>L1</td><td>X</td><td></td><td></td><td>X</td><td></td><td>X</td><td>X</td></tr> <tr><td>L2</td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td></tr> <tr><td>L3</td><td>X</td><td></td><td></td><td>X</td><td>X</td><td></td><td>X</td></tr> </table>	L1	X			X		X	X	L2			X	X				L3	X			X	X		X
	L1	X				X		X	X																			
	L2				X	X																						
	L3	X				X	X		X																			
	 P9055	C 58	5																									
 P9074	D 58	5																										
 P9050	E 58	5																										
1polna 3 struje (sa strujnim transformatorom) <i>1 pole 3 currents (with current transformer)</i>	 P9007	98	3	 <table border="1" data-bbox="742 1713 997 2004"> <tr><td>0</td><td>X</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L1</td><td></td><td>X</td><td>X</td><td></td><td>X</td></tr> <tr><td>L2</td><td>X</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L3</td><td>X</td><td></td><td></td><td>X</td><td>X</td></tr> </table>	0	X	X			X	L1		X	X		X	L2	X	X			X	L3	X			X	X
	0	X	X				X																					
	L1		X		X		X																					
	L2	X	X				X																					
	L3	X				X	X																					
 P9014	C 98	3																										
 P9008	D 98	3																										
 P9003	E 98	3																										
				za / for GX, GN 4G10 - 4G25, GF20																								



# AMPERMETARSKE SKLOPKE *AMMETER SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																												
		<b>97</b>	6	 <table border="1" data-bbox="821 884 1220 1176"> <tr><td>0</td><td></td><td>X</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L1</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td>X</td></tr> <tr><td>L2</td><td></td><td>X</td><td>X</td><td></td><td>X</td><td>X</td></tr> <tr><td>L3</td><td>X</td><td>X</td><td></td><td>X</td><td></td><td>X</td></tr> </table> <p style="text-align: right;"><i>za / for 4G40 - 4G1200, GF10</i></p>	0		X	X			X	L1	X		X	X		X	L2		X	X		X	X	L3	X	X		X		X
0		X	X				X																									
L1	X		X		X		X																									
L2		X	X			X	X																									
L3	X	X			X		X																									
		<b>C 97</b>	6																													
		<b>D 97</b>	6																													
		<b>E 97</b>	6																													
2polna 0-položaj 3 struje (sa ili bez strujnih transformatora) 2 pole 0-position 3 currents (with or without current transformers)		<b>97</b>	5	 <table border="1" data-bbox="821 1724 1220 2016"> <tr><td>0</td><td></td><td>X</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>L1</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td>X</td></tr> <tr><td>L2</td><td></td><td>X</td><td>X</td><td></td><td>X</td><td>X</td></tr> <tr><td>L3</td><td>X</td><td>X</td><td></td><td>X</td><td></td><td>X</td></tr> </table> <p style="text-align: right;"><i>za / for GX, GN 4G10 - 4G25, GF20</i></p>	0		X	X			X	L1	X		X	X		X	L2		X	X		X	X	L3	X	X		X		X
	0		X		X			X																								
	L1	X			X	X		X																								
	L2		X		X		X	X																								
L3	X	X		X		X																										
		<b>C 97</b>	5																													
		<b>D 97</b>	5																													
		<b>E 97</b>	5																													

VOLTMETAR - AMPERMETARSKE SKLOPKE *VOLTMETER - AMMETER SWITCHES*

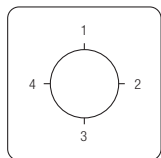
Funkcija  
Function

Podloga  
Escutcheon plate

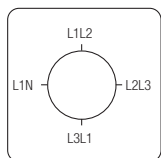
Kod  
Code

Br. elem.  
No of elem.

Dijagram  
Diagram



P9047

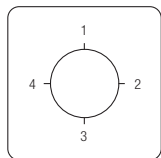


P9079

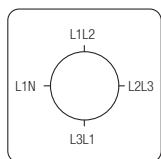
3 linijska napona  
1 fazni napon  
3 struje

3 line voltage  
1 phase voltage  
3 currents

poz.	napon voltage	struja currents
1	L1L2	—
2	L2L3	L1
3	L3L1	L2
4	L1N	L3



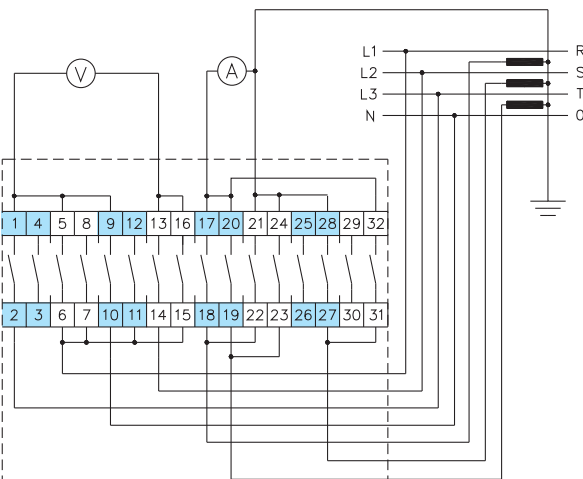
P9047



P9079

61

8

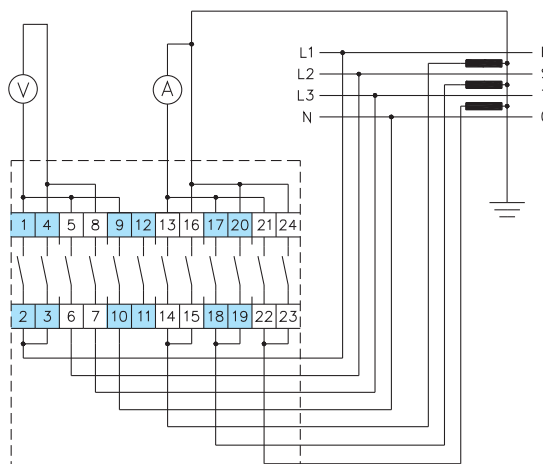


L1 L2		X			X			X	X	X
L2 L3	X			X		X		X	X	
L3 L1	X			X		X	X			X
L1N			X	X	X	X		X		

za / for 4G40 - 4G1200, GF10

61

6



L1 L2		X	X			X	X	X
L2 L3		X	X	X		X	X	X
L3 L1	X		X		X	X		X
L1N	X		X	X	X	X		

za / for GX, GN  
4G10 - 4G25, GF20

VOLTMETAR - AMPERMETARSKE SKLOPKE *VOLTMETER - AMMETER SWITCHES*

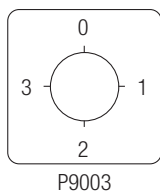
Funkcija  
*Function*

Podloga  
*Escutcheon plate*

Kod  
*Code*

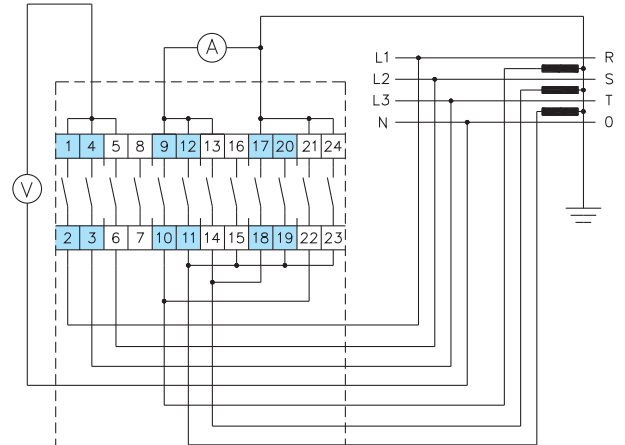
Br. elem.  
*No of elem.*

Dijagram  
*Diagram*



64

6

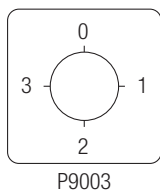


0					X	X	X
1	X			X		X	X
2		X			X		X
3	X			X		X	X

za / for 4G40 - 4G1200, GF10

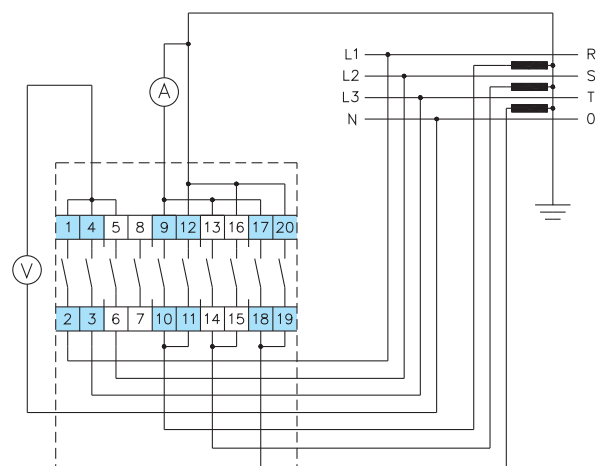
3 fazna napona  
3 struje  
*3 phase voltage  
3 currents*

poz.	napon <i>voltage</i>	struja <i>currents</i>
0	—	—
1	L1N	L1
2	L2N	L2
3	L3N	L3



64

5



0					X	X	X
1	X			X		X	X
2		X			X	X	X
3	X			X		X	X

za / for GX, GN  
4G10 - 4G25, GF20

VOLTMETAR - AMPERMETARSKE SKLOPKE VOLTMETER - AMMETER SWITCHES

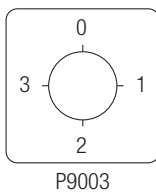
Funkcija  
Function

Podloga  
Escutcheon plate

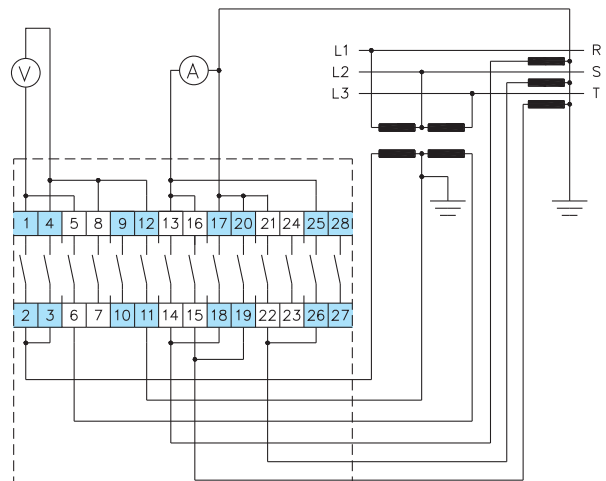
Kod  
Code

Br. elem.  
No of elem.

Dijagram  
Diagram



65 7

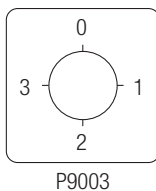


0							X	X	X										
1	X					X	X			X	X								
2			X			X				X	X					X			
3	X	X						X	X		X								

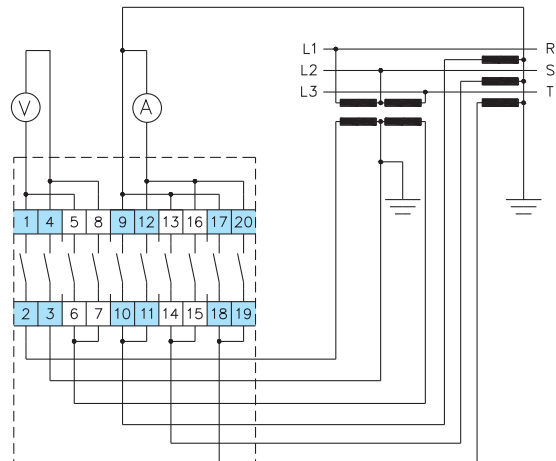
za / for 4G40 - 4G1200, GF10

3 linijska napona  
3 struje  
3 line voltage  
3 currents

poz.	napon voltage	struja currents
0	—	—
1	L1L2	L1
2	L2L3	L2
3	L3L1	L3



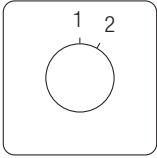
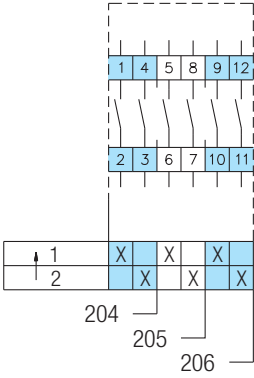
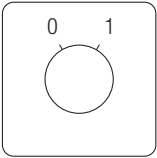
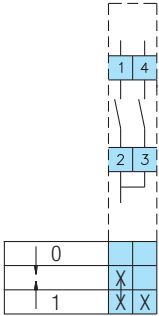
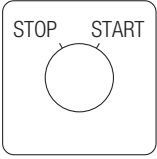
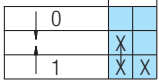
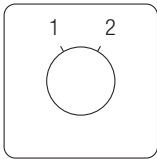
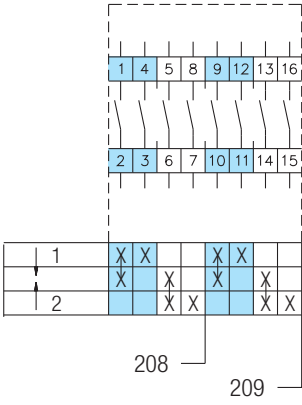
65 5



0				X	X	X													
1	X	X				X	X			X									
2	X	X		X						X	X								
3	X		X	X		X				X						X			

za / for GX, GN  
4G10 - 4G25, GF20

# UPRAVLJAČKE SKLOPKE (s povratom) *CONTROL SWITCHES (with spring return)*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>
<p>1 uklop i 1 isklop <i>1 make and 1 break</i></p> <p>2 uklopa i 2 isklopa <i>2 makes and 2 breaks</i></p> <p>3 uklopa i 3 isklopa <i>3 makes and 3 breaks</i></p>	 <p>P3073</p>	<p>204</p> <p>205</p> <p>206</p>	<p>1</p> <p>2</p> <p>3</p>	
<p>1 uklop desno i 1 isklop lijevo <i>1 make right and 1 break left</i></p>	 <p>P6064</p>	<p>207</p>	<p>1</p>	
<p>1 uklop, 1 isklop desno 1 uklop, 1 isklop lijevo <i>1 make, 1 break right 1 make, 1 break left</i></p> <p>2 uklopa, 2 isklopa desno 2 uklopa, 2 isklopa lijevo <i>2 makes, 2 breaks right 2 makes, 2 breaks left</i></p>	 <p>P6058</p>	<p>C207</p>	<p>1</p>	
<p>1 uklop, 1 isklop desno 1 uklop, 1 isklop lijevo <i>1 make, 1 break right 1 make, 1 break left</i></p> <p>2 uklopa, 2 isklopa desno 2 uklopa, 2 isklopa lijevo <i>2 makes, 2 breaks right 2 makes, 2 breaks left</i></p>	 <p>P6058</p>	<p>208</p> <p>209</p>	<p>2</p> <p>4</p>	

UPRAVLJAČKE SKLOPKE (s povratom) *CONTROL SWITCHES (with spring return)*

Funkcija  
*Function*

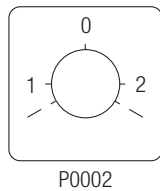
Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.  
*No of elem.*

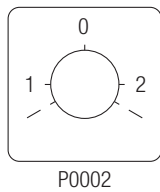
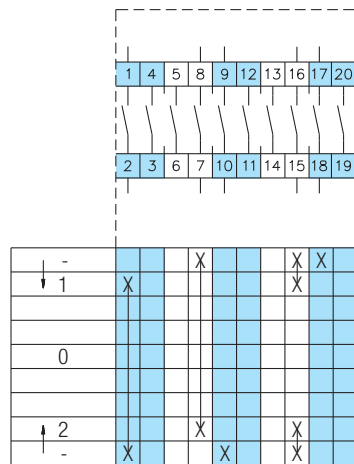
Dijagram  
*Diagram*

Sklopka sa zakretnim tipkalom lijevo i desno  
*Switch with spring return left and right*



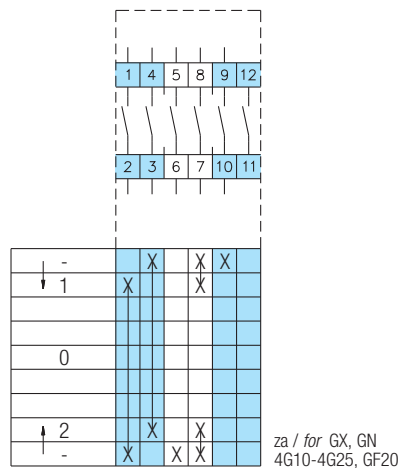
210

5



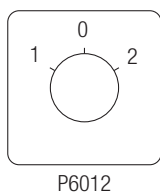
210

3



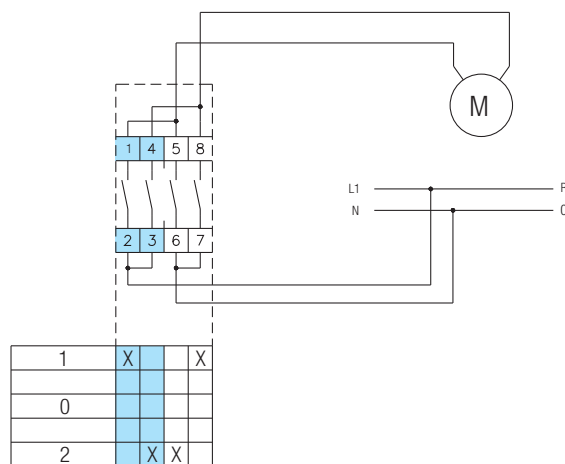
MOTORSKE REVERZIBILNE SKLOPKE *MOTOR REVERSING SWITCHES*

2 polna  
*2 pole*

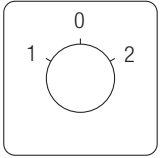
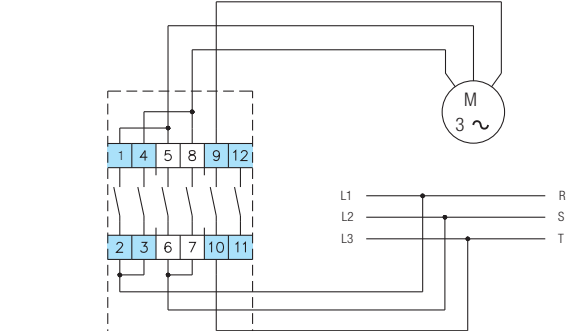
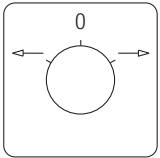
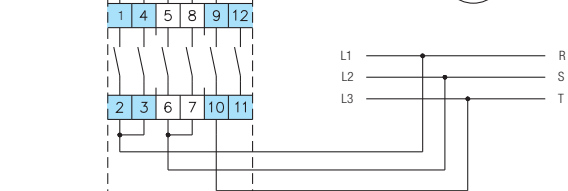
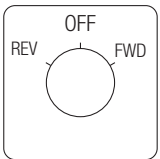
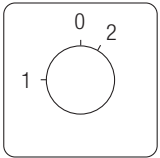
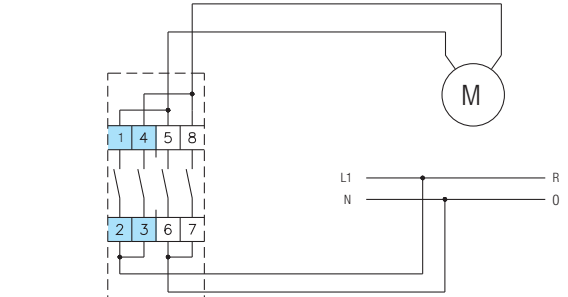
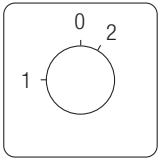
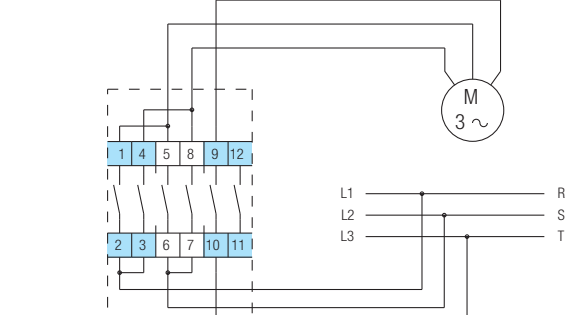


24

2



# MOTORSKE REVERZIBILNE SKLOPKE *MOTOR REVERSING SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>												
	 P6012	11	3													
3 polna <i>3 pole</i>	 P6015	C11	3													
	 P6066	D11	3	<table border="1" data-bbox="842 795 1093 918"> <tr><td>1</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>X</td><td></td><td>X X</td></tr> </table>	1	X	X	X	0				2	X		X X
1	X	X	X													
0																
2	X		X X													
2 polna povrat iz 2 u "0" <i>2 pole return from 2 to "0"</i>	 P0005	14	2													
3 polna povrat iz 2 u "0" <i>3 pole return from 2 to "0"</i>	 P0005	166	3													

# MOTORSKE REVERZIBILNE SKLOPKE MOTOR REVERSING SWITCHES

Funkcija  
Function

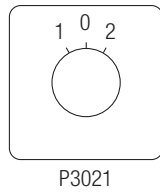
Podloga  
Escutcheon plate

Kod  
Code

Br. elem.  
No of elem.

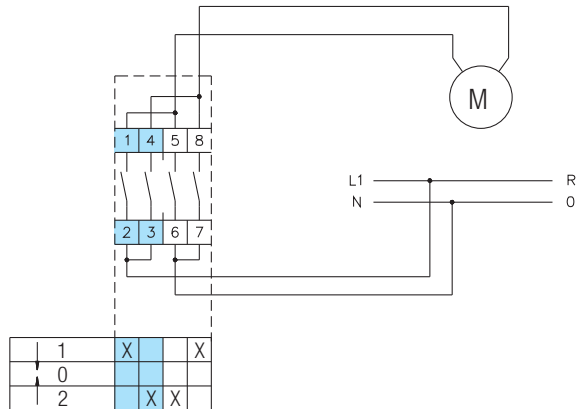
Dijagram  
Diagram

2 polna  
povrat u "0"  
2 pole  
return to "0"

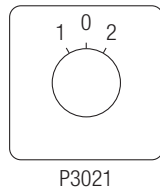


25

2

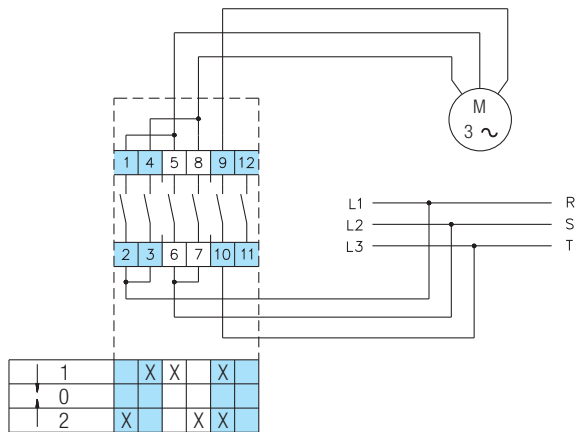


3 polna  
povrat u "0"  
3 pole  
return to "0"

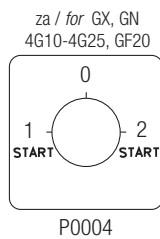


26

3

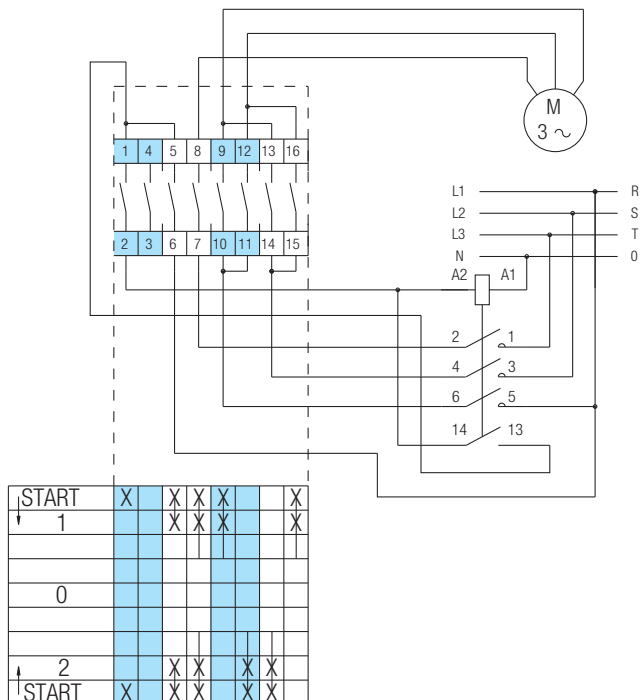


3 polna  
sa sklopnikom  
3 pole  
with contactor



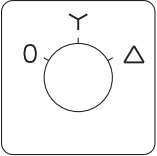
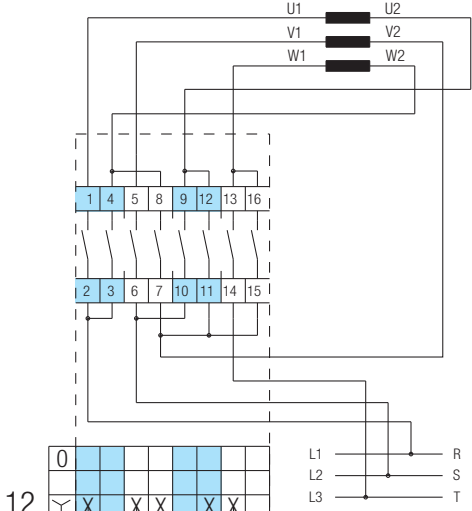
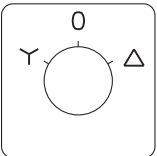
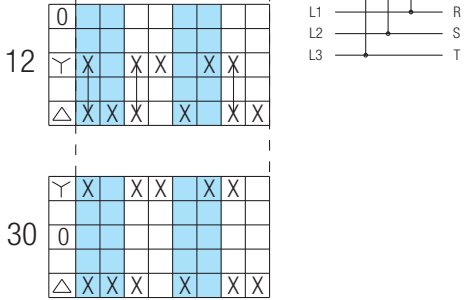
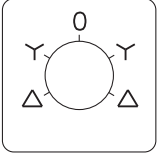
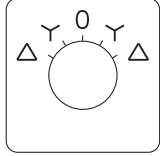
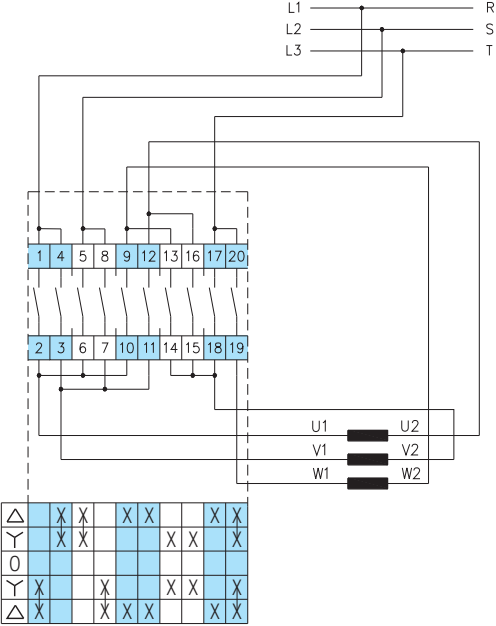
27

4





# ZVIJEZDA - TROKUT SKLOPKE *STAR - DELTA SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No. of elem.</i>	Dijagram <i>Diagram</i>
Standardna verzija <i>Standard version</i>	 <p>P6034</p>	12	4	
	 <p>P6014</p>	30	4	
2 smjera okretanja <i>Reversing</i>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="296 1532 453 1760"> <p>za / for GX, GN 4G10-4G25, GF20</p>  <p>P6083</p> </div> <div data-bbox="475 1532 635 1760"> <p>za / for 4G40-4G200 GF10</p>  <p>P3025</p> </div> </div>	21	5	

ZVIJEZDA - TROKUT SKLOPKE STAR - DELTA SWITCHES

Funkcija  
Function

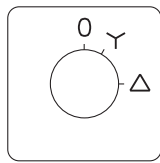
Podloga  
Escutcheon plate

Kod  
Code

Br. elem.  
No of elem.

Dijagram  
Diagram

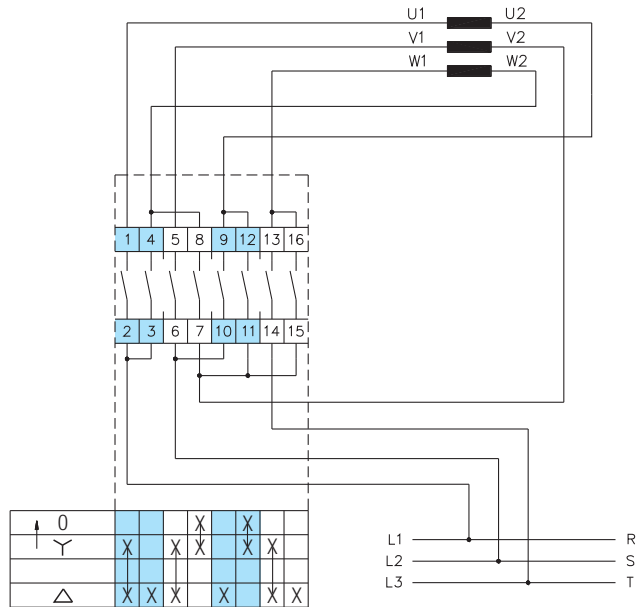
Povrat iz Y u "0"  
Return from Y to "0"



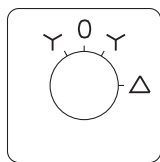
P0006

28

4



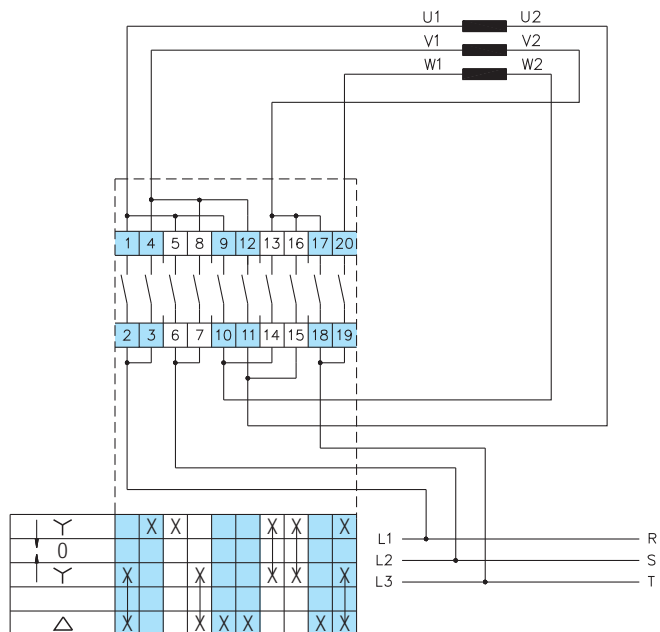
Protustrujno kočenje  
Counter current  
braking



P0007

29

5



# ZVIJEZDA - TROKUT SKLOPKE *STAR - DELTA SWITCHES*

Funkcija  
*Function*

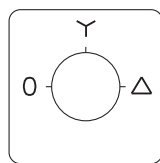
Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.  
*No of elem.*

Dijagram  
*Diagram*

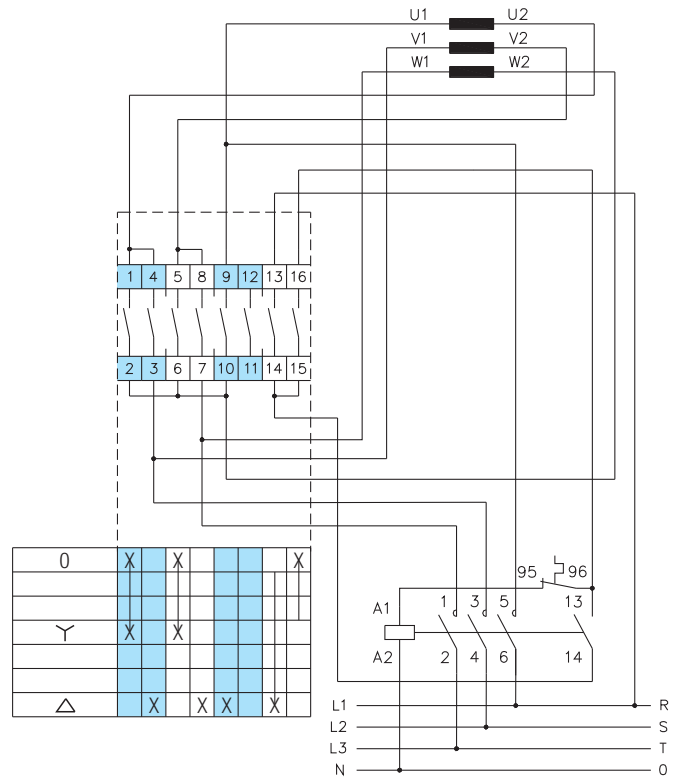
Sa sklopnikom  
*With contactor*



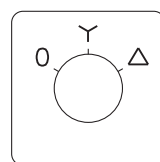
P9041

31

4



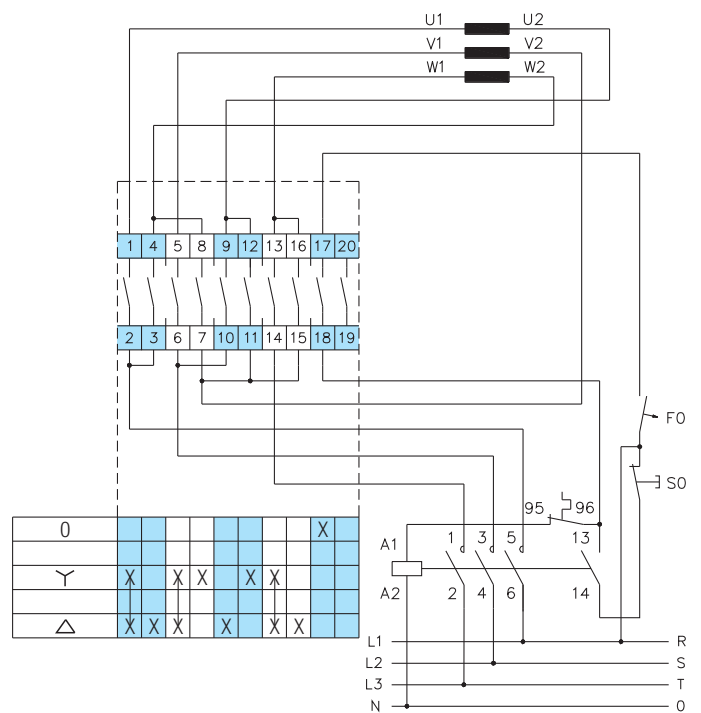
S kontaktom u  
"0" položaju  
*With contact in "0"  
position*



P6034

49

5



SKLOPKE ZA UPRAVLJANJE MOTORIMA (Dahlander) *MOTOR CONTROL SWITCHES (Dahlander)*

Funkcija  
*Function*

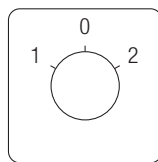
Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.  
*No of elem.*

Dijagram  
*Diagram*

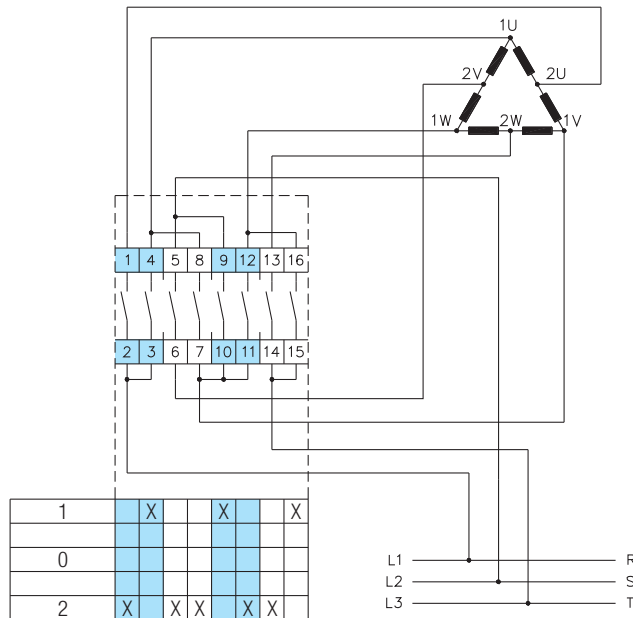
Položaj "0" u sredini  
( $\Delta$  - 0 - YY)  
*With center "0"*  
( $\Delta$  - 0 - YY)



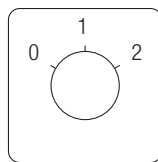
P6012

13

4



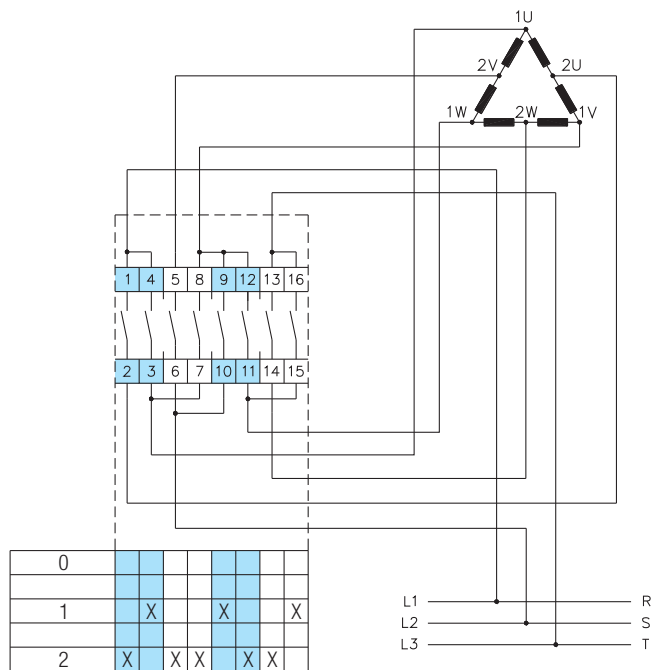
Standardna izvedba  
(0 -  $\Delta$  - YY)  
*Standard version*  
(0 -  $\Delta$  - YY)



P6033

19

4



SKLOPKE ZA UPRAVLJANJE MOTORIMA (Dahlander) *MOTOR CONTROL SWITCHES (Dahlander)*

Funkcija  
*Function*

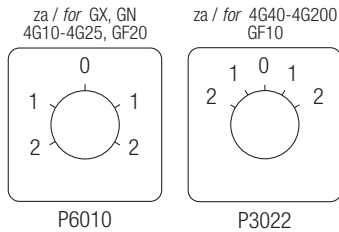
Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.  
*No of elem.*

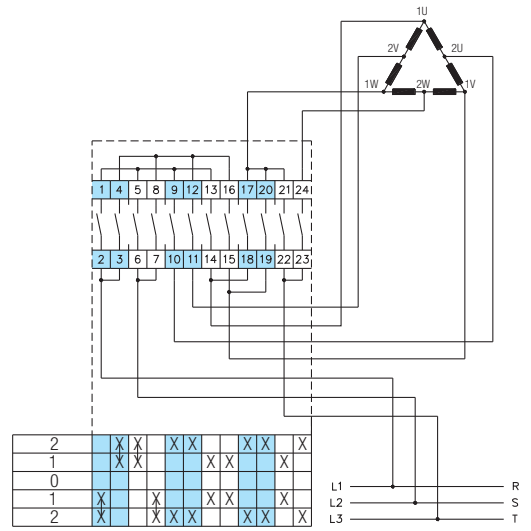
Dijagram  
*Diagram*

2 smjera okretanja  
Sklopni slijed:  
YY - Δ - 0 - Δ - YY  
*Reversing*  
Switching sequence:  
YY - Δ - 0 - Δ - YY

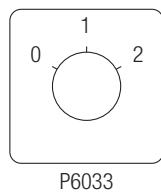


20

6

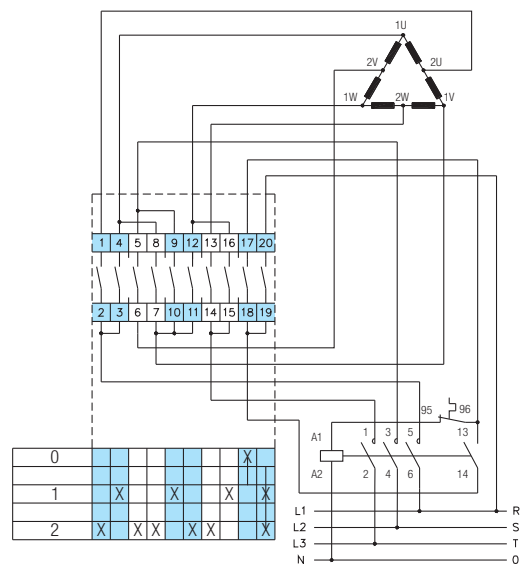


Sa sklopnikom  
Sklopni slijed:  
0 - Δ - YY  
*With contactor*  
Switching sequence:  
0 - Δ - YY



32

5



SKLOPKE ZA UPRAVLJANJE MOTORIMA (Odvojeni namoti) MOTOR CONTROL SWITCHES (Separate windings)

Funkcija  
Function

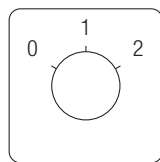
Podloga  
Escutcheon plate

Kod  
Code

Br. elem.  
No of elem.

Dijagram  
Diagram

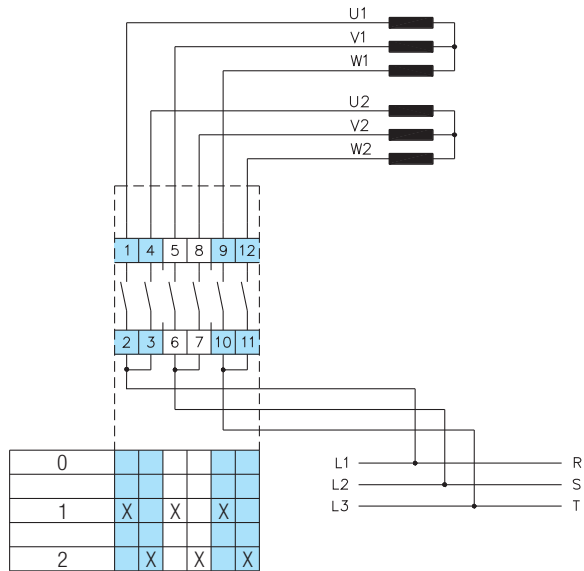
2 brzine, 2 namota  
2 speed, 2 windings



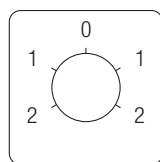
P6033

22

3



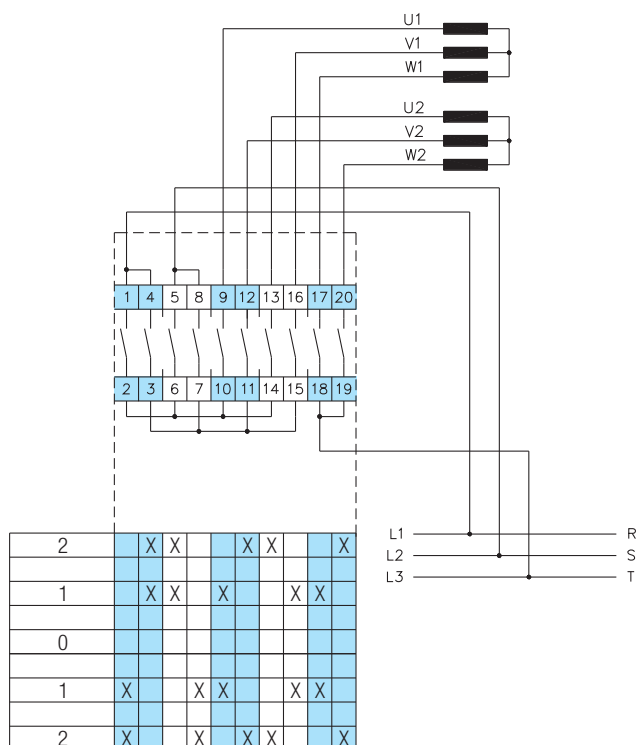
2 brzine, 2 smjera  
2 namota  
2 speed, reversing,  
2 windings



P6010

23

5



SKLOPKE ZA UPRAVLJANJE MOTORIMA (Odvojeni namoti) *MOTOR CONTROL SWITCHES (Separate windings)*

Funkcija  
*Function*

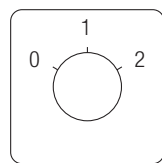
Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.  
*No of elem.*

Dijagram  
*Diagram*

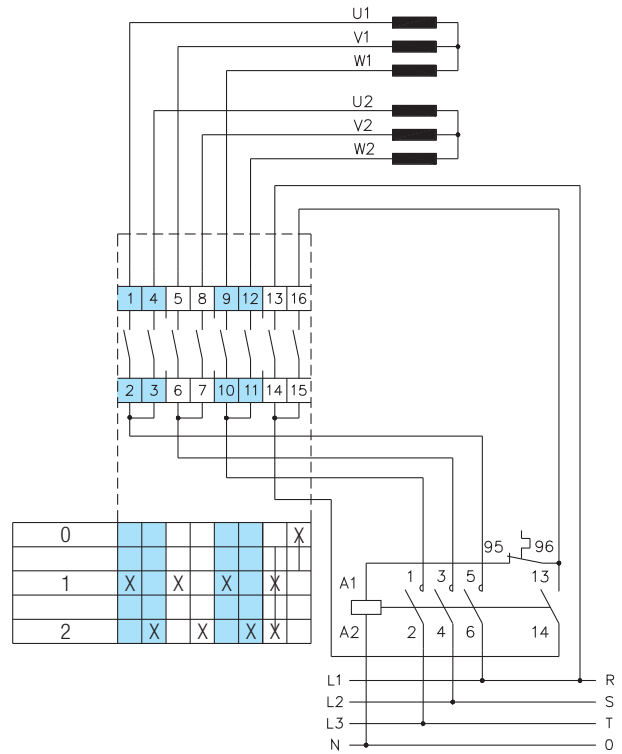
2 brzine, 2 namota  
sa sklopnikom  
*2 speed, 2 windings  
with contactor*



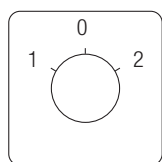
P6033

33

4



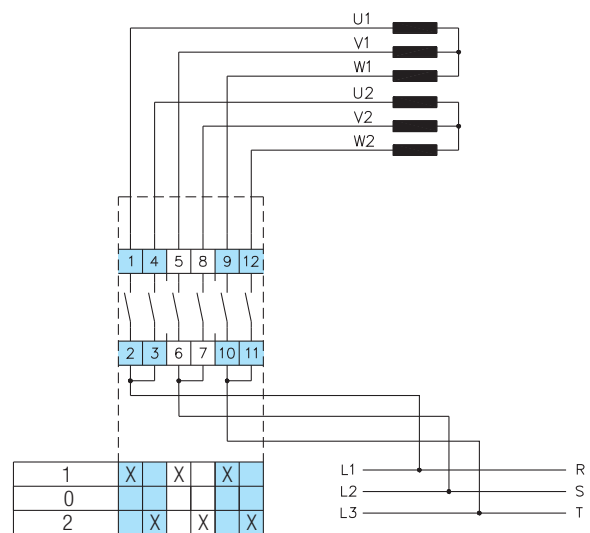
2 brzine, 2 namota  
*2 speed, 2 windings*



P6012

53

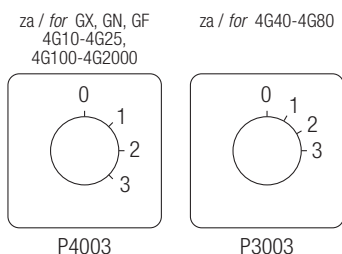
3



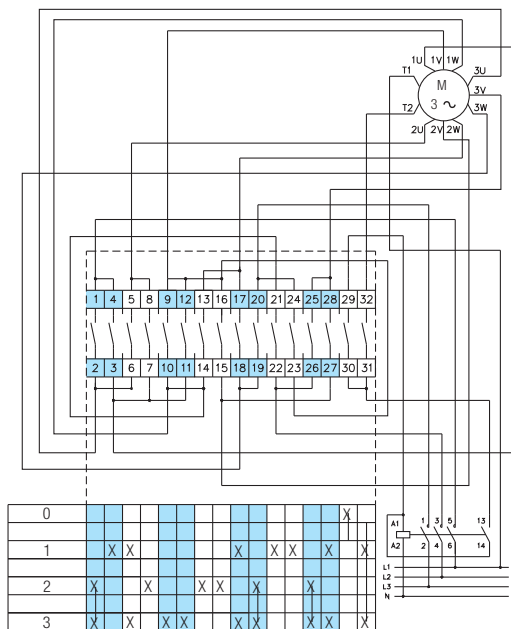
SKLOPKE ZA UPRAVLJANJE TROBRZINSKIM MOTORIMA *SWITCHES FOR 3-SPEED MOTOR CONTROL*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>
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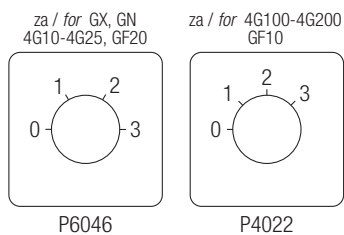
3 brzine, sa sklopnikom  
(pogon ventilatora)  
(0-Y-Y-YY)  
3 speed, with  
contactor  
(ventilator run)  
(0-Y-Y-YY)



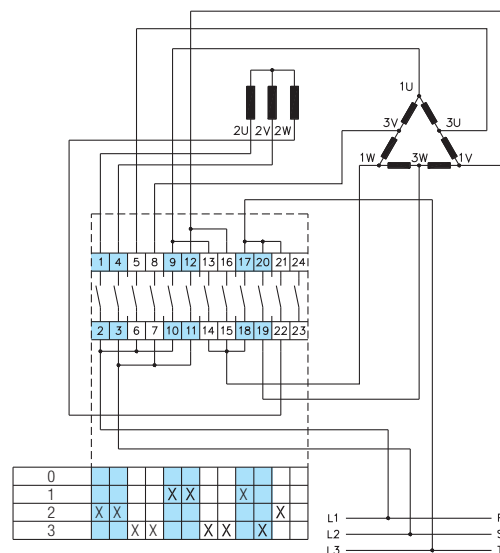
18 8



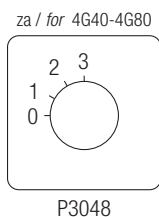
3 brzine, 2 namota  
(1. i 3. brzina Dahlander)  
(0 - Δ - Y - YY)



34 6



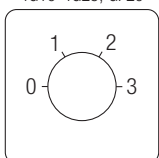
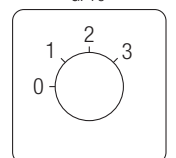
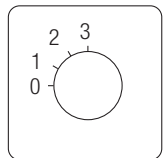
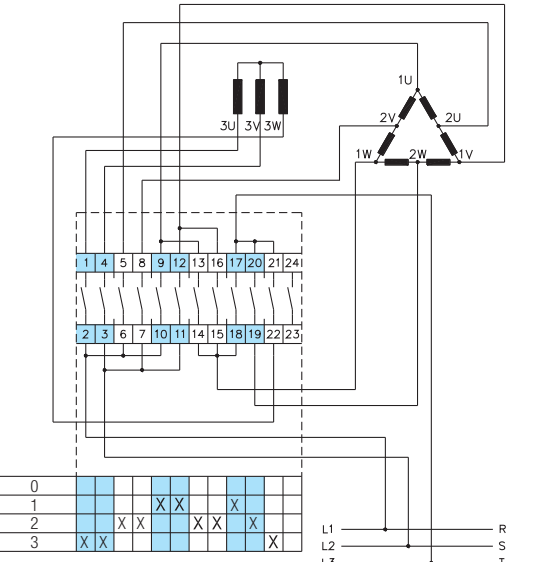
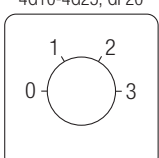
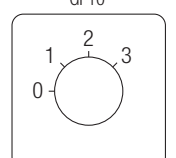
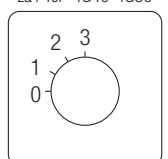
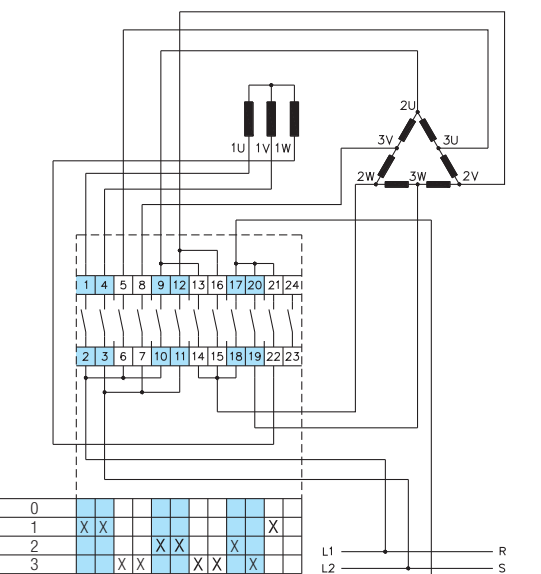
3 speed, 2 windings  
(1. and 3. speed Dahlander)  
(0 - Δ - Y - YY)



P3048



SKLOPKE ZA UPRAVLJANJE TROBRZINSKIM MOTORIMA SWITCHES FOR 3-SPEED MOTOR CONTROL

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																																																																																																
<p>3 brzine, 2 namota (1. i 2. brzina Dahlander) (0 - <math>\Delta</math> - YY - Y)</p> <p>3 speed, 2 windings (1. and 2. speed Dahlander) (0 - <math>\Delta</math> - YY - Y)</p>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="383 436 542 672"> <p>za / for GX, GN 4G10-4G25, GF20</p>  <p>P6046</p> </div> <div data-bbox="558 436 734 672"> <p>za / for 4G100-4G200 GF10</p>  <p>P4022</p> </div> </div> <hr/> <div data-bbox="486 884 654 1108"> <p>za / for 4G40-4G80</p>  <p>P3048</p> </div>	35	6	 <table border="1" data-bbox="949 963 1268 1052"> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td></tr> </table>	0																								1					X	X								X										2			X	X						X	X					X								3	X	X																	X				
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<p>3 brzine, 2 namota (2. i 3. brzina Dahlander) (0 - Y - <math>\Delta</math> - YY)</p> <p>3 speed, 2 windings (2. and 3. speed Dahlander) (0 - Y - <math>\Delta</math> - YY)</p>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="383 1299 542 1534"> <p>za / for GX, GN 4G10-4G25, GF20</p>  <p>P6046</p> </div> <div data-bbox="558 1299 734 1534"> <p>za / for 4G100-4G200 GF10</p>  <p>P4022</p> </div> </div> <hr/> <div data-bbox="486 1747 654 1971"> <p>za / for 4G40-4G80</p>  <p>P3048</p> </div>	36	6	 <table border="1" data-bbox="949 1836 1268 1926"> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	0																								1	X	X																					X	2					X	X								X										3	X	X								X	X					X							
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SKLOPKE ZA POKRETANJE JEDNOFAZNIH MOTORA *START AND RUN SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																																																																																																							
Standardna izvedba <i>Standard version</i>		15	2	 <table border="1"> <tr><td>0</td><td></td><td></td><td></td><td></td></tr> <tr><td>1 START</td><td>X</td><td>X</td><td></td><td></td></tr> </table>	0					1 START	X	X																																																																																															
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1 START	X	X																																																																																																									
2 smjera okretanja <i>Reversing</i>		16	6	 <table border="1"> <tr><td>START</td><td>X</td><td></td><td>X</td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2 START</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td></tr> </table> <p>za / for 4G40 - 4G1200, GF10</p>	START	X		X			X	X																		1	X		X																							0																										2 START	X		X	X																					X
START	X		X			X	X																																																																																																				
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2 START	X		X	X																					X																																																																																		
		16	3	 <table border="1"> <tr><td>START</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2 START</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td></tr> </table> <p>za / for GX, GN 4G10 - 4G25, GF20</p>	START	X	X		X	X								1	X	X											0													2 START	X	X	X									X																																																			
START	X	X		X	X																																																																																																						
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2 START	X	X	X									X																																																																																															

SKLOPKE ZA POKRETANJE JEDNOFAZNIH MOTORA *START AND RUN SWITCHES*

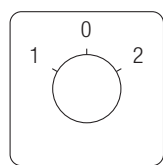
Funkcija  
*Function*

Podloga  
*Escutcheon plate*

Kod  
*Code*

Br. elem.  
*No of elem.*

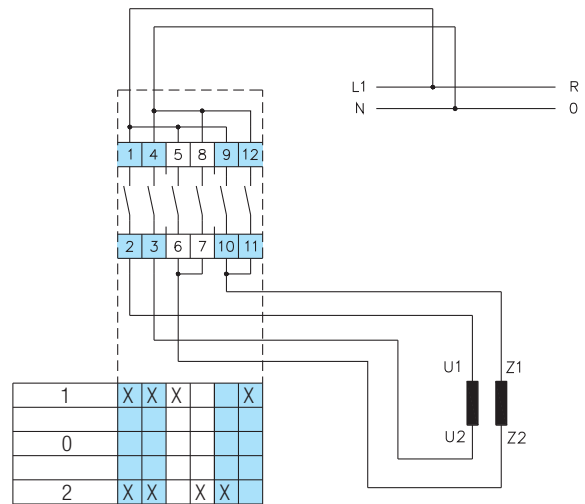
Dijagram  
*Diagram*



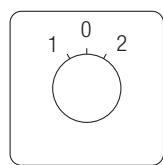
P6012

17

3



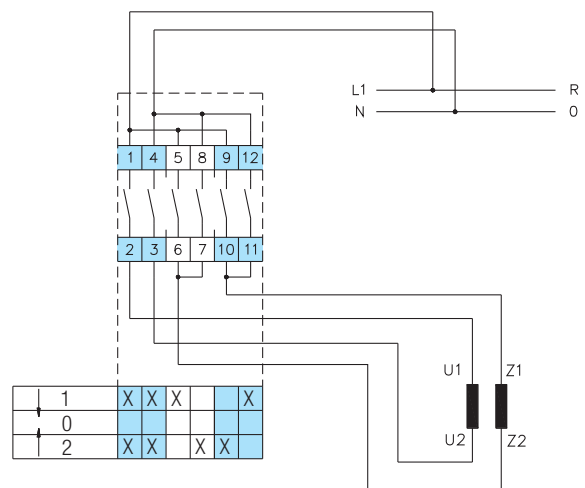
2 smjera okretanja  
trajno uključena  
pomoćna faza  
*Reversing  
permanent start  
winding*



P3021

50

3



SKLOPKE SERIJE *SWITCHES SERIES* 4G200 - 4G1200

Kod Code	Broj elemenata / <i>Number of elements</i>				
	4G200	4G400	4G630	4G800	4G1200

SKLOPKE S KUTOM ZAKRETA 60°  
*SWITCHES WITH 60° SWITCHING*

90	1	2	3	2	3
91	1	2	3	4	6
10	2	4	6	6	9
92	2	4	6	8	12
99	3	6	9	10	15
100	3	6	9	12	-
37	4	8	12	14	-
38	4	8	12	16	-
39	5	10	15	-	-
40	5	10	15	-	-
41	6	12	-	-	-
42	6	12	-	-	-
C90	1	2	3	2	3
C91	1	2	3	4	6
C10	2	4	6	6	9
C92	2	4	6	8	12
D90	1	2	3	2	3
D91	1	2	3	4	6
D10	2	4	6	6	9
D92	2	4	6	8	12
D99	3	6	9	10	15
D100	3	6	9	12	-
E90	1	2	3	2	3
E91	1	2	3	4	6
E92	2	4	6	6	9
E10	2	4	6	8	12
E99	3	6	9	10	15
E100	3	6	9	12	-

SKLOPKE S KUTOM ZAKRETA 90°  
*SWITCHES WITH 90° SWITCHING*

05	1	2	3	2	3
06	1	2	3	4	6
07	2	4	6	6	9
08	2	4	6	8	12
C05	1	2	3	2	3
C06	1	2	3	4	6
C07	2	4	6	6	9
C08	2	4	6	8	12

Kod Code	Broj elemenata / <i>Number of elements</i>				
	4G200	4G400	4G630	4G800	4G1200
09	2	4	6	6	9
C09	2	4	6	6	9

PREKLOPKE S "0" POLOŽAJEM  
*CHANGEOVER SWITCHES WITH "0"*

51,171	1	2	3	4	6
52,172	2	4	6	8	12
53,173	3	6	9	12	18
75,174	4	8	12	16	-
76	5	10	15	-	-
77	6	12	-	-	-
78	7	14	-	-	-
79	8	16	-	-	-
C51	1	2	3	4	6
C52	2	4	6	8	12
C53	3	6	9	12	-
C75	4	8	12	16	-
C76	5	10	15	-	-
C77	6	12	-	-	-
D51	1	2	3	4	6
D52	2	4	6	8	12
D53	3	6	9	12	-
D75	4	8	12	16	-
D76	5	10	15	-	-
D77	6	12	-	-	-
E51	1	2	3	4	6
E52	2	4	6	8	12
E53	3	6	9	12	-
E75	4	8	12	16	-
E76	5	10	15	-	-
E77	6	12	-	-	-

PREKLOPKE BEZ "0" POLOŽAJA  
*CHANGEOVER SWITCHES WITHOUT "0"*

54	1	2	3	4	6
55	2	4	6	8	12
56	3	6	9	12	18
69	4	8	12	16	-
70	5	10	16	-	-
71	6	12	-	-	-
72	7	14	-	-	-
73	8	16	-	-	-

SKLOPKE SERIJE *SWITCHES SERIES* 4G200 - 4G1200

Kod <i>Code</i>	Broj elemenata / <i>Number of elements</i>				
	4G200	4G400	4G630	4G800	4G1200
C54	1	2	3	4	6
C55	2	4	6	8	12
C56	3	6	9	12	-
C69	4	8	12	16	-

STEPENASTE SKLOPKE BEZ "0" POLOŽAJA  
*MULTI-STEP SWITCHES WITHOUT "0"*

82	2	4	6	8	-
86	3	6	9	12	-
93	5	10	15	-	-
141	6	12	-	-	-
149	8	16	-	-	-
83	2	4	6	8	12
87	4	8	-	-	-
94	6	12	-	-	-
142	8	16	-	-	-
84	3	6	9	12	-
88	5	10	15	-	-
95	8	16	-	-	-
85	3	6	9	12	-
89	6	12	-	-	-
101	4	8	12	-	-
117	7	14	-	-	-
102	4	8	12	-	-
118	8	16	-	-	-
103	5	10	15	-	-
104	5	10	15	-	-
105	6	12	-	-	-
106	6	12	-	-	-

Kod <i>Code</i>	Broj elemenata / <i>Number of elements</i>				
	4G200	4G400	4G630	4G800	4G1200

STEPENASTE SKLOPKE S "0" POLOŽAJEM  
*MULTI-STEP SWITCHES WITH "0"*

107	1	2	3	4	6
123	2	4	6	8	12
135	3	6	9	12	-
145	4	8	12	16	-
151	5	10	15	-	-
156	6	12	-	-	-
160	7	14	-	-	-
163	8	16	-	-	-
108	2	4	6	8	12
124	3	6	9	12	-
136	5	10	15	-	-
146	6	12	-	-	-
152	8	16	-	-	-
109	2	4	6	8	12
125	4	8	12	16	-
137	6	12	-	-	-
147	8	16	-	-	-
110	3	6	9	12	-
126	5	10	15	-	-
138	8	16	-	-	-
111	4	8	12	16	-
127	7	14	-	-	-
112	4	8	12	16	-
128	8	16	-	-	-
113	5	10	15	-	-
114	5	10	15	-	-
115	6	12	-	-	-
116	6	12	-	-	-

POPIS SHEMA *LIST OF SHEMAS*

Shema	Strana Page	Shema	Strana Page	Shema	Strana Page	Shema	Strana Page
1	4	52	5	103	8	154	6
2	4	53	5	104	9	155	7
3	4	53	37	105	9	156	10
4	4	54	6	106	9	157	10
5	3	55	6	107	10	158	10
6	3	56	6	108	10	159	6
7	3	57	3	109	10	160	10
8	3	58	22	110	11	161	10
9	3	60	20	111	11	162	6
10	2	61	24	112	12	163	10
11	29	62	6	113	13	164	10
12	31	63	3	114	14	165	13
13	34	64	25	115	15	166	29
14	29	65	26	116	16	171	5
15	40	66	20	117	8	172	5
16	40	67	21	118	8	173	5
17	41	68	21	119	8	174	5
18	38	69	6	120	9	175	10
19	34	70	6	121	9	176	10
20	35	71	6	122	9	177	10
21	31	72	6	123	10	178	10
22	36	73	6	124	10	179	11
23	36	74	6	125	10	182	5
24	28	75	5	126	11	183	5
25	30	76	5	127	11	201	4
26	30	77	5	128	12	202	4
27	30	78	5	129	13	203	4
28	32	79	5	130	14	204	27
29	32	80	5	131	15	205	27
30	31	81	5	132	16	206	27
31	33	82	6	133	8	207	27
32	35	83	7	134	8	208	27
33	37	84	7	135	10	209	27
34	38	85	7	136	10	210	28
35	39	86	6	137	10	251	17
36	39	87	7	138	11	252	17
37	2	88	7	139	11	253	18
38	2	89	7	140	12	254	17
39	2	90	2	141	6	255	17
40	2	91	2	142	7	256	18
41	2	92	2	143	7	257	18
42	2	93	6	144	7	258	19
43	6	94	7	145	10	259	19
44	6	95	7	146	10	260	19
45	4	96	7	147	10	270	3
46	4	97	23	148	11	271	3
47	4	98	22	149	6	275	3
48	4	99	2	150	7	276	3
49	33	100	2	151	10	277	3
50	41	101	8	152	10	278	3
51	5	102	8	153	10		



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