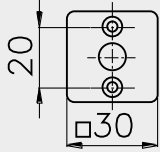

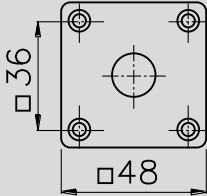

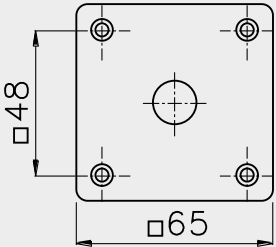


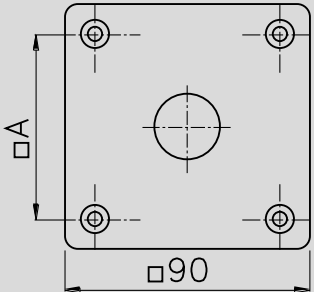


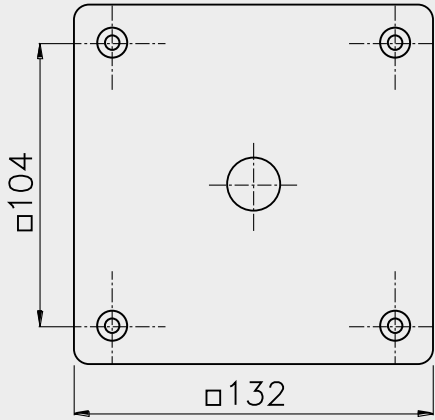





SWITCHING DIAGRAMS FOR ROTARY CAM SWITCHES GN, GF, 4G, GX



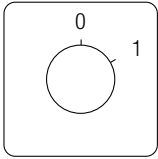
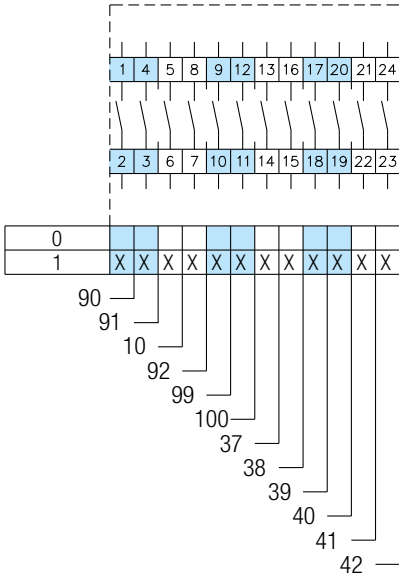
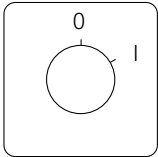
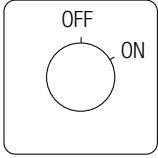
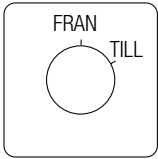
 **Lovato**
KONČAR

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 550 1572"> <tr> <td>4G</td> <td>□A</td> </tr> <tr> <td>GN</td> <td>72</td> </tr> <tr> <td></td> <td>68</td> </tr> </table>	4G	□A	GN	72		68	 		GN32H	GX32H		32	11	15
4G	□A														
GN	72														
	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						

SADRŽAJ *CONTENTS*

SKLOPKE S KUTOM ZAKRETA 60° <i>SWITCHES WITH 60° SWITCHING</i>	2
SKLOPKE S KUTOM ZAKRETA 90° <i>SWITCHES WITH 90° SWITCHING</i>	3
SKLOPKE S POVRATOM - KUT ZAKRETA 30° <i>SWITCHES SPRING RETURN WITH 30° SWITCHING</i>	4
PREKLOPKE S "0" POLOŽAJEM <i>CHANGEOVER SWITCHES WITH "0"</i>	5
PREKLOPKE BEZ "0" POLOŽAJA <i>CHANGEOVER SWITCHES WITHOUT "0"</i>	6
STEPENASTE SKLOPKE BEZ "0" POLOŽAJA <i>MULTI-STEP SWITCHES WITHOUT "0"</i>	6
STEPENASTE SKLOPKE S "0" POLOŽAJEM <i>MULTI-STEP SWITCHES WITH "0"</i>	10
GRUPNE SKLOPKE <i>GANG SWITCHES</i>	17
VOLTMETARSKÉ SKLOPKE <i>VOLTMETER SWITCHES</i>	20
AMPERMETARSKÉ SKLOPKE <i>AMMETER SWITCHES</i>	22
VOLTMETAR - AMPERMETARSKÉ SKLOPKE <i>VOLTMETER - AMMETER SWITCHES</i>	24
UPRAVLJAČKE SKLOPKE (s povratom) <i>CONTROL SWITCHES (with spring return)</i>	27
MOTORSKE REVERZIBILNE SKLOPKE <i>MOTOR REVERSING SWITCHES</i>	28
ZVIJEZDA - TROKUT SKLOPKE <i>STAR - DELTA SWITCHES</i>	31
SKLOPKE ZA UPRAVLJANJE MOTORIMA (Dahlander) <i>MOTOR CONTROL SWITCHES (Dahlander)</i>	34
SKLOPKE ZA UPRAVLJANJE MOTORIMA (Odvojeni namoti) <i>MOTOR CONTROL SWITCHES (Separate windings)</i>	36
SKLOPKE ZA UPRAVLJANJE TROBRZINSKIM MOTORIMA <i>SWITCHES FOR 3-SPEED MOTOR CONTROL</i>	38
SKLOPKE ZA POKRETANJE JEDNOFAZNIH MOTORA <i>START AND RUN SWITCHES</i>	40
SKLOPKE SERIJE 4G200 - 4G1200 <i>SWITCHES SERIES 4G200 - 4G1200</i>	42

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

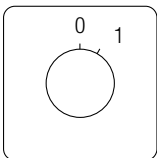
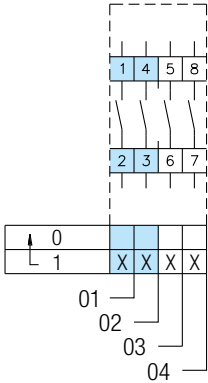
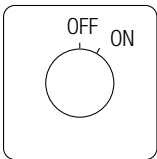
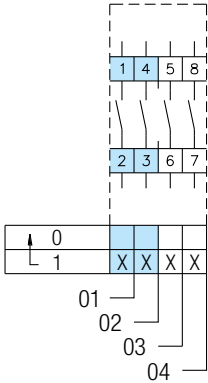
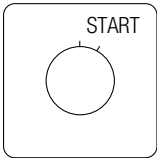
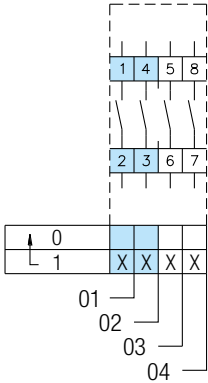
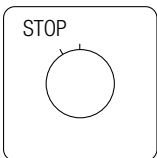
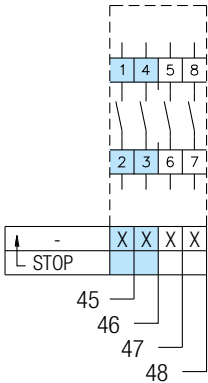
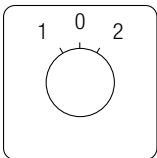
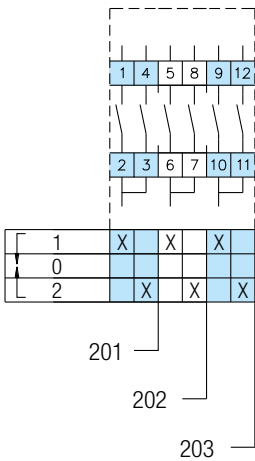
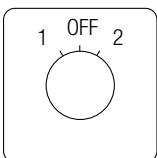
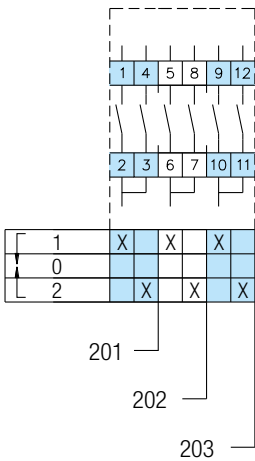
SKLOPKE S KUTOM ZAKRETA 90° *SWITCHES WITH 90° SWITCHING*

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>	05	1	
2 polna <i>2 pole</i>		06	1	
3 polna <i>3 pole</i>		07	2	
4 polna <i>4 pole</i>		08	2	
1 polna <i>1 pole</i>	<p>P9067</p>	C05	1	
2 polna <i>2 pole</i>		C06	1	
3 polna <i>3 pole</i>		C07	2	
4 polna <i>4 pole</i>		C08	2	
3 polna (rotacija 360°) <i>3 pole (360° rotation)</i>	<p>P9009</p>	09	2	
3 polna (rotacija 360°) <i>3 pole (360° rotation)</i>	<p>P9066</p>	C09	2	
3 polna strujna preklopka <i>3 pole current change over switch</i>	<p>P9049</p>	57	3	
4 polna 1 pol prethodi <i>4 pole 1 pole preclose</i>	<p>P9037</p>	275	2	
5 polna 2 pola prethode <i>5 pole 2 pole preclose</i>		277	3	
1 polna raniji uklop <i>1 pole early make</i>		270	1	
2 polna raniji uklop <i>2 pole early make</i>		271	1	
3 polna raniji uklop <i>3 pole early make</i>		63	2	
4 polna 3 pola prethode <i>4 pole 3 pole preclose</i>	<p>P9037</p>	276	2	
5 polna 3 pola prethode <i>5 pole 3 pole preclose</i>		278	3	

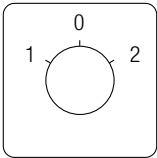
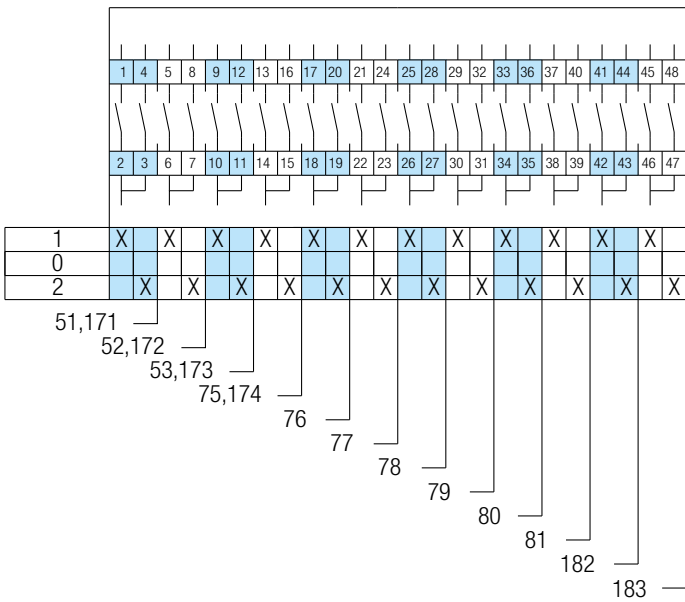
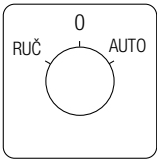
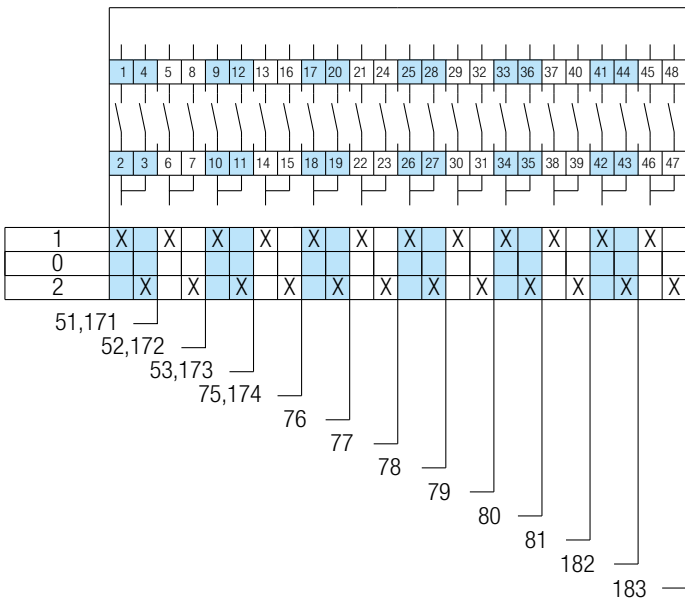
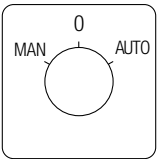
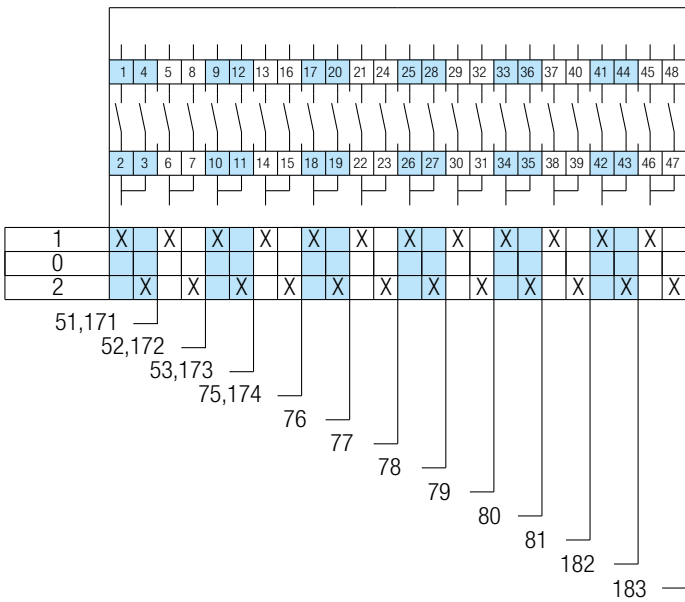
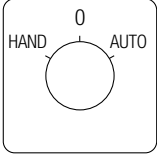
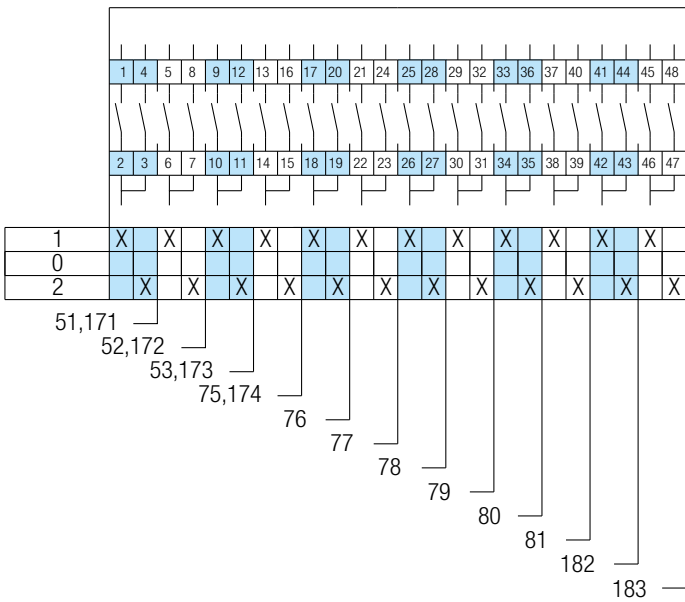
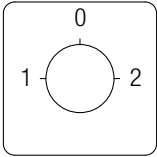
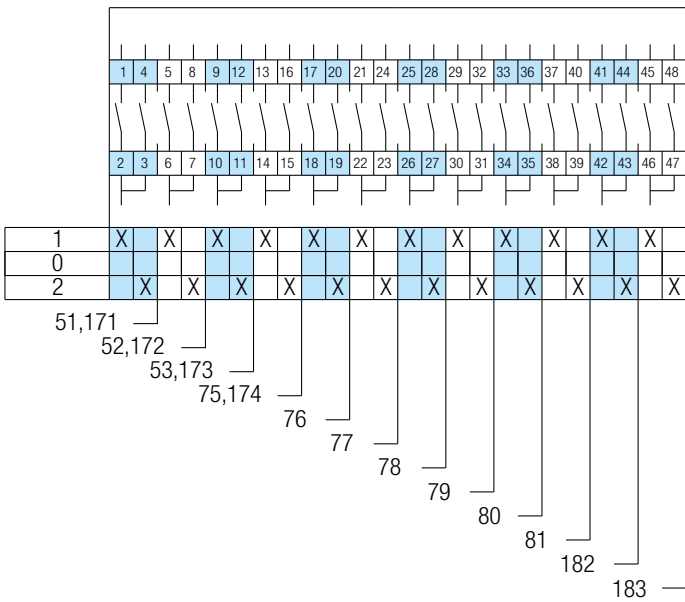
* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

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

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

Funkcija <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>	 P3001	01	1		
2 polna <i>2 pole</i>		02	1		
3 polna <i>3 pole</i>		03	2		
4 polna <i>4 pole</i>		04	2		
1 polna <i>1 pole</i>	 P3045	C01	1		
2 polna <i>2 pole</i>		C02	1		
3 polna <i>3 pole</i>		C03	2		
4 polna <i>4 pole</i>		C04	2		
1 polna <i>1 pole</i>	 P3101	D01	1		
2 polna <i>2 pole</i>		D02	1		
3 polna <i>3 pole</i>		D03	2		
4 polna <i>4 pole</i>		D04	2		
1 polna <i>1 pole</i>	 P3102	45	1		
2 polna <i>2 pole</i>		46	1		
3 polna <i>3 pole</i>		47	2		
4 polna <i>4 pole</i>		48	2		
1 polna <i>1 pole</i>	s povratom u "0" with spring return to "0"	 P3021	201	1	
2 polna <i>2 pole</i>			202	2	
3 polna <i>3 pole</i>			203	3	
1 polna <i>1 pole</i>	s povratom u "0" with spring return to "0"	 P3071	C201	1	
2 polna <i>2 pole</i>			C202	2	
3 polna <i>3 pole</i>			C203	3	

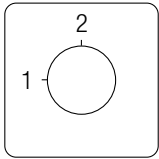
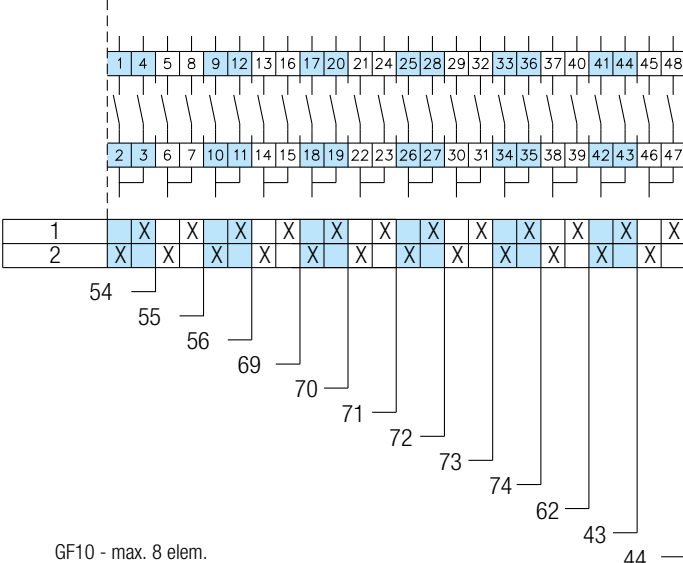
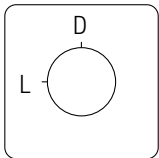
PREKLOPKE S "0" POLOŽAJEM *CHANGEOVER SWITCHES WITH "0"*

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		

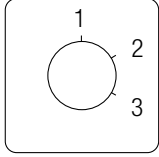
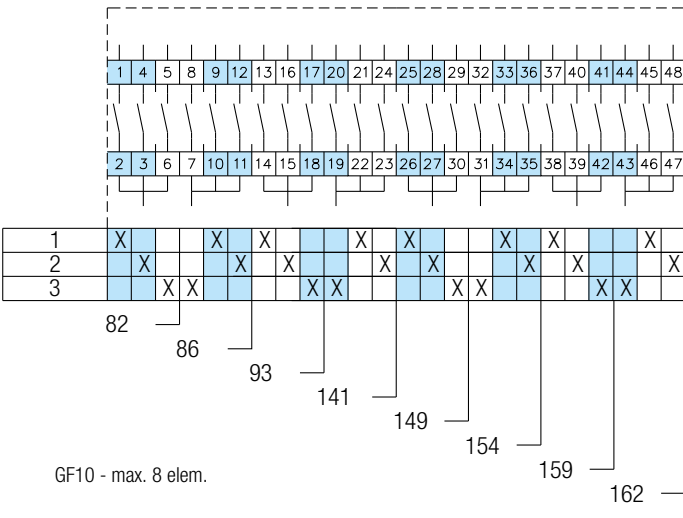
* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

* 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

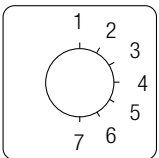
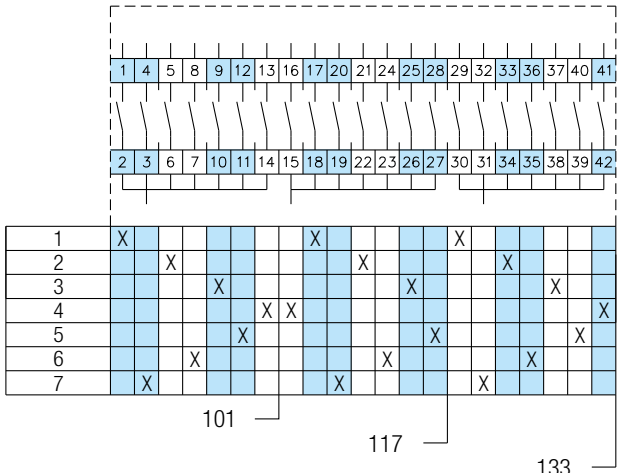
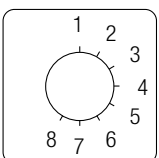
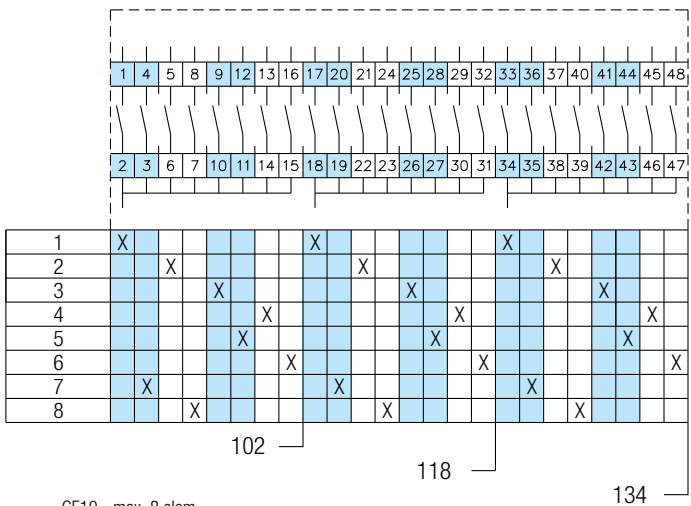
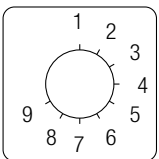
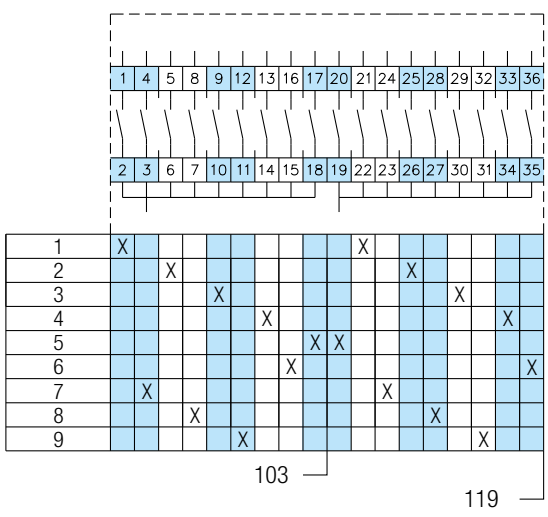
STEPENASTE SKLOPKE BEZ "0" POLOŽAJA *MULTI-STEP SWITCHES WITHOUT "0"*

Funkcija <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>P6024</p>	83	2	<p>GF10 - max. 8 elem.</p>	
2 polna <i>2 pole</i>		87	4		
3 polna <i>3 pole</i>		94	6		
4 polna <i>4 pole</i>		142	8		
5 polna <i>5 pole</i>		150	10		
6 polna <i>6 pole</i>		155	12		
1 polna <i>1 pole</i>	<p>P6025</p>	84	3	<p>GF10 - max. 8 elem.</p>	
2 polna <i>2 pole</i>		88	5		
3 polna <i>3 pole</i>		95	8		
4 polna <i>4 pole</i>		143	10		
1 polna <i>1 pole</i>	<p>P6026</p>	85	3	<p>GF10 - max. 8 elem.</p>	
2 polna <i>2 pole</i>		89	6		
3 polna <i>3 pole</i>		96	9		
4 polna <i>4 pole</i>		144	12		

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

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

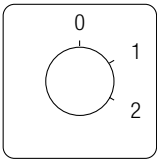
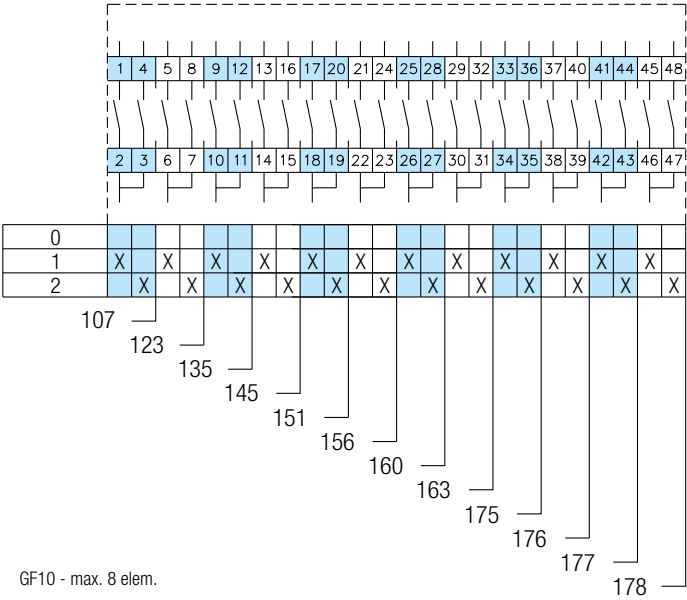
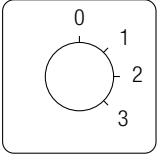
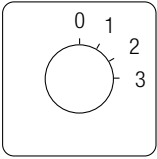
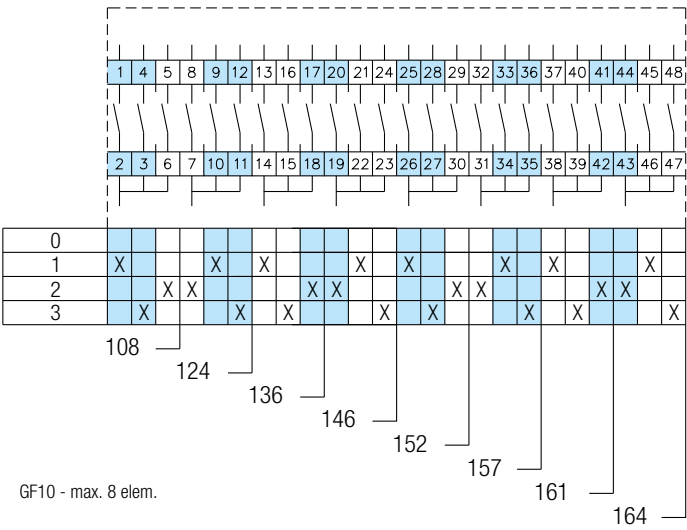
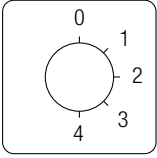
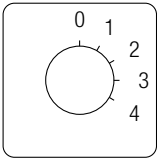
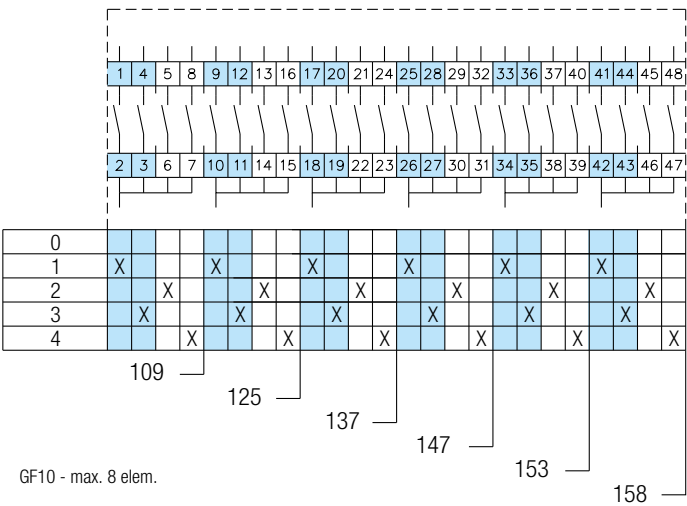
STEPENASTE SKLOPKE BEZ "0" POLOŽAJA *MULTI-STEP SWITCHES WITHOUT "0"*

Funkcija <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>	7 položaja <i>7 positions</i>  P3078	101 117 133	4 7 11	 <p style="text-align: center;">GF10 - max. 8 elem.</p>
1 polna <i>1 pole</i> 2 polna <i>2 pole</i> 3 polna <i>3 pole</i>	8 položaja <i>8 positions</i>  P3079	102 118 134	4 8 12	 <p style="text-align: center;">GF10 - max. 8 elem.</p>
1 polna <i>1 pole</i> 2 polna <i>2 pole</i>	9 položaja <i>9 positions</i>  P3080	103 119	5 9	

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

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

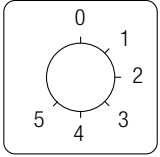
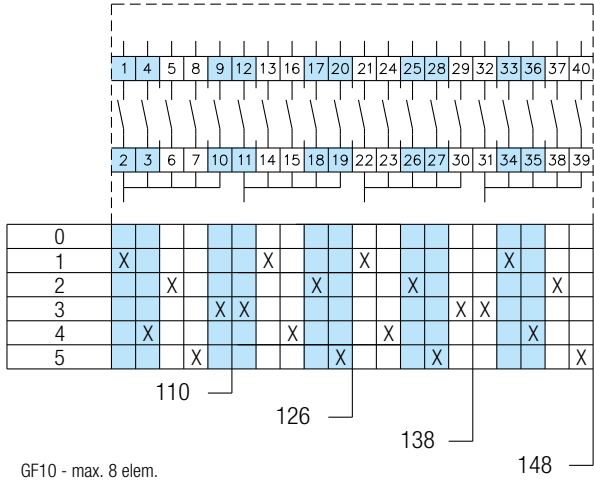
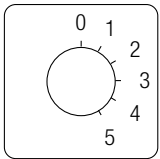
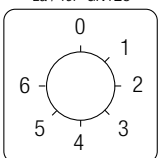
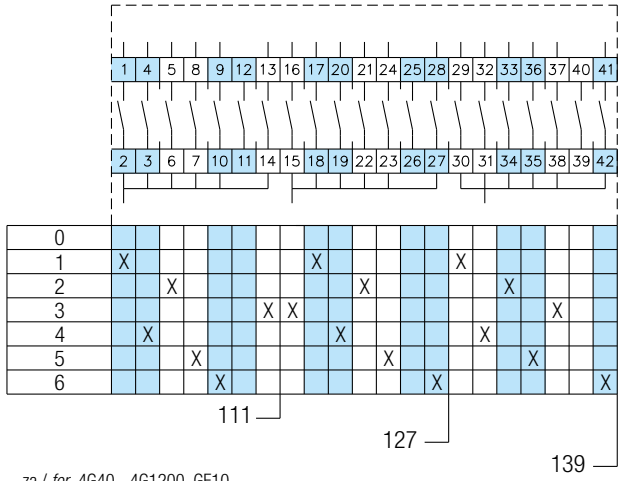
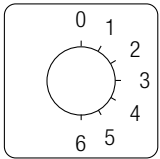
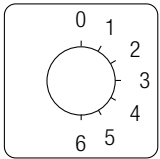
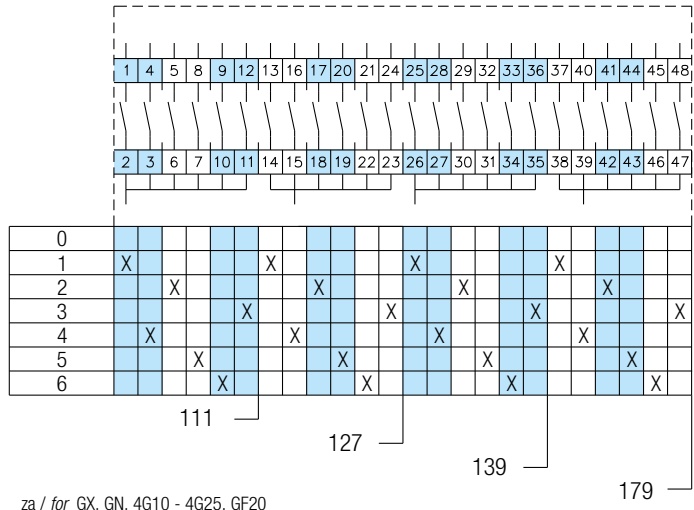
STEPENASTE SKLOPKE S "0" POLOŽAJEM *MULTI-STEP SWITCHES WITH "0"*

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>	 <p>P6006</p>	107	1			
2 polna <i>2 pole</i>		123	2			
3 polna <i>3 pole</i>		135	3			
4 polna <i>4 pole</i>		145	4			
5 polna <i>5 pole</i>		151	5			
6 polna <i>6 pole</i>		156	6			
7 polna <i>7 pole</i>		160	7			
8 polna <i>8 pole</i>		163	8			
9 polna <i>9 pole</i>		175	9			
10 polna <i>10 pole</i>		176	10			
11 polna <i>11 pole</i>		177	11			
12 polna <i>12 pole</i>		178	12			
				GF10 - max. 8 elem.		
1 polna <i>1 pole</i>	<p>za / for GN125</p>  <p>P4003</p> <p>za / for GF, GX, 4G GN12 - GN63</p>  <p>P3003</p>	108	2			
2 polna <i>2 pole</i>		124	3			
3 polna <i>3 pole</i>		136	5			
4 polna <i>4 pole</i>		146	6			
5 polna <i>5 pole</i>		152	8			
6 polna <i>6 pole</i>		157	9			
7 polna <i>7 pole</i>		161	11			
8 polna <i>8 pole</i>		164	12			
					GF10 - max. 8 elem.	
1 polna <i>1 pole</i>		<p>za / for GN125</p>  <p>P4004</p> <p>za / for GF, GX, 4G GN12 - GN63</p>  <p>P3004</p>	109		2	
2 polna <i>2 pole</i>			125		4	
3 polna <i>3 pole</i>			137		6	
4 polna <i>4 pole</i>	147		8			
5 polna <i>5 pole</i>	153		10			
6 polna <i>6 pole</i>	158		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 <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>	za / for GN125  P4005	110 126 138 148	3 5 8 10	 <p>GF10 - max. 8 elem.</p>	
	za / for GF, GX, 4G GN12 - GN63  P3005				
	1 polna <i>1 pole</i> 2 polna <i>2 pole</i> 3 polna <i>3 pole</i> 4 polna <i>4 pole</i>	za / for GN125  P4006	111 127 139	4 7 11	 <p>za / for 4G40 - 4G1200, GF10 GF10 - max. 8 elem.</p>
		za / for GF, GX, 4G GN12 - GN63  P3006			
1 polna <i>1 pole</i> 2 polna <i>2 pole</i> 3 polna <i>3 pole</i> 4 polna <i>4 pole</i>		za / for GF, GX, 4G GN12 - GN63  P3006	111 127 139 179	3 6 9 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 <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 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	
3 polna 3 pole	<p>za / for GF, GX, 4G GN12 - GN63</p> <p>P3007</p>	140	12	

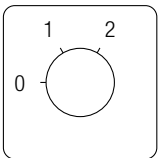
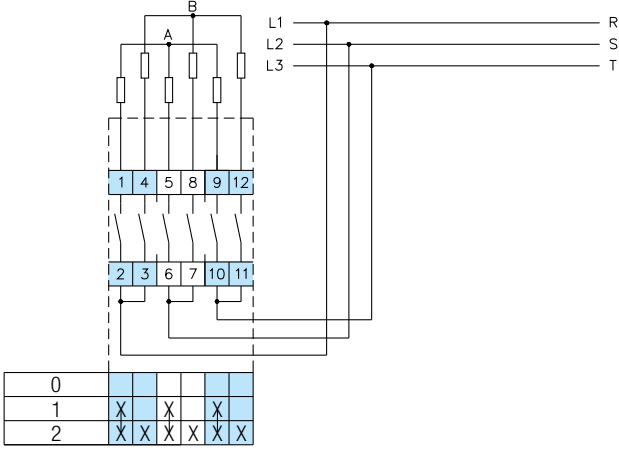
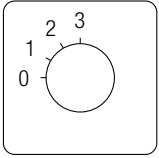
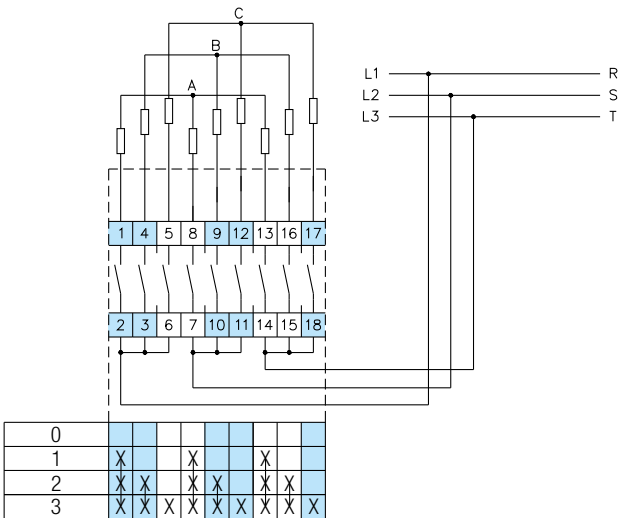
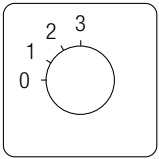
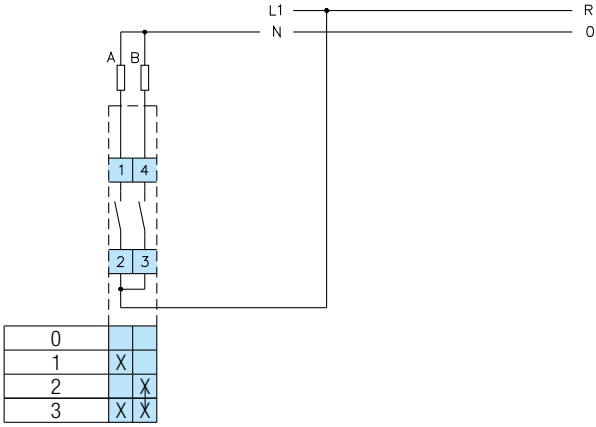
* broj elemenata sklopki 4G400-4G1200 - vidi strane 42-43

* 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>
2 GRUPE Sklopni slijed: 0, A, A+B 2 GANG Switching sequence: 0, A, A+B 1 polna 1 pole	<p>P6045</p>	251	1	<p>251</p>
3 GRUPE Sklopni slijed: 0, A, A+B, A+B+C 3 GANG Switching sequence: 0, A, A+B, A+B+C	<p>P3048</p>	254	2	<p>254</p>
2 GRUPE Sklopni slijed: 0, A, A+B 2 GANG Switching sequence: 0, A, A+B 2 polna 2 pole	<p>P6045</p>	252	2	
3 GRUPE Sklopni slijed: 0, A, A+B, A+B+C 3 GANG Switching sequence: 0, A, A+B, A+B+C 2 polna 2 pole	<p>P3048</p>	255	3	

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 <i>Switching sequence:</i> 0, A, A+B</p> <p>3 polna 3 pole</p>	 <p>P6045</p>	253	3	 <table border="1" data-bbox="750 784 1005 862"> <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></tr> <tr><td>1</td><td>X</td><td></td><td>X</td><td></td><td>X</td><td></td><td>X</td><td></td><td>X</td><td></td><td>X</td></tr> <tr><td>2</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table>	0												1	X		X		X		X		X		X	2	X	X	X	X	X	X	X	X	X	X	X																																
0																																																																								
1	X		X		X		X		X		X																																																													
2	X	X	X	X	X	X	X	X	X	X	X																																																													
<p>3 GRUPE Sklopni slijed: 0, A, A+B, A+B+C 3 GANG <i>Switching sequence:</i> 0, A, A+B, A+B+C</p> <p>3 polna 3 pole</p>	 <p>P3048</p>	256	5	 <table border="1" data-bbox="750 1366 1077 1467"> <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></tr> <tr><td>1</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>2</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td></td><td>X</td></tr> <tr><td>3</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table>	0																	1	X			X			X			X			X			X	2	X	X		X	X		X	X		X	X		X	X		X	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
0																																																																								
1	X			X			X			X			X			X																																																								
2	X	X		X	X		X	X		X	X		X	X		X																																																								
3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																																																								
<p>2 GRUPE Sklopni slijed: 0, A, B, A+B 2 GANG <i>Switching sequence:</i> 0, A, B, A+B</p> <p>1 polna 1 pole</p>	 <p>P3048</p>	257	1	 <table border="1" data-bbox="750 1892 909 2004"> <tr><td>0</td><td></td><td></td></tr> <tr><td>1</td><td>X</td><td></td></tr> <tr><td>2</td><td></td><td>X</td></tr> <tr><td>3</td><td>X</td><td>X</td></tr> </table>	0			1	X		2		X	3	X	X																																																								
0																																																																								
1	X																																																																							
2		X																																																																						
3	X	X																																																																						

GRUPNE SKLOPKE *GANG SWITCHES*

Funkcija
Function

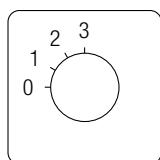
Podloga
Escutcheon plate

Kod
Code

Br. elem.
No of elem.

Dijagram
Diagram

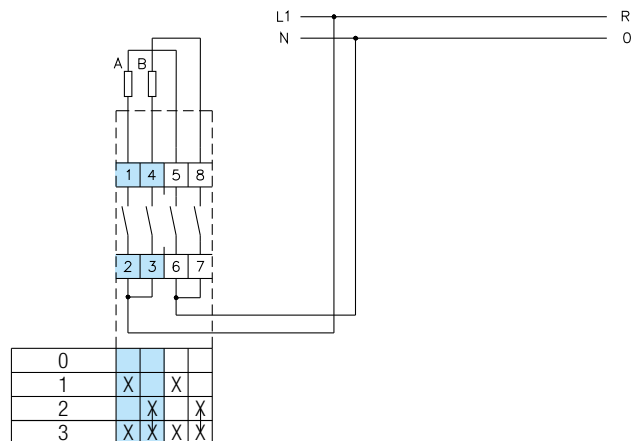
2 GRUPE
Sklopni slijed:
0, A, B, A+B
2 GANG
Switching sequence:
0, A, B, A+B



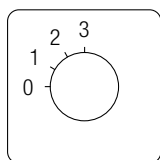
P3048

258

2



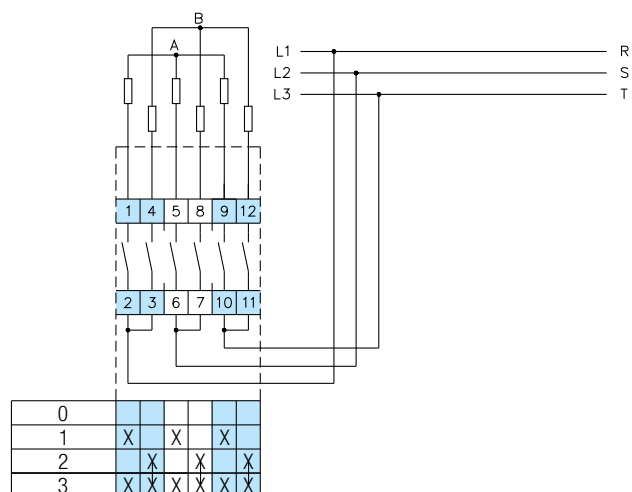
3 polna
3 pole
2 GRUPE
Sklopni slijed:
0, A, B, A+B
2 GANG
Switching sequence:
0, A, B, A+B



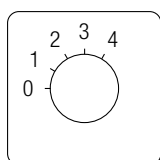
P3048

259

3



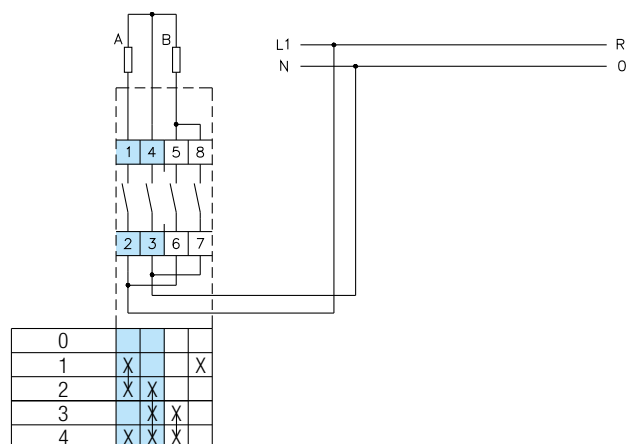
2 polna
2 pole
2 GRUPE
Sklopni slijed:
0, A+B serijski, A, B,
A+B paralelno
2 GANG
Switching sequence:
0, A+B series, A, B,
A+B parallel



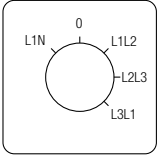
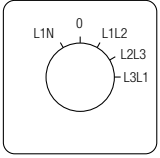
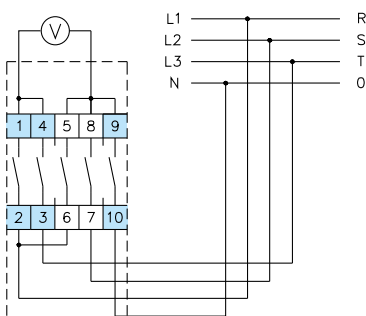
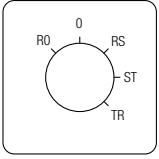
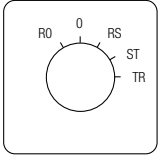
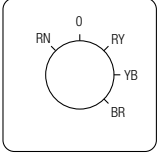
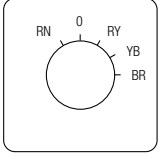
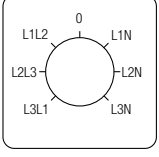
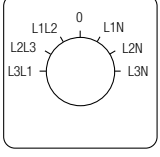
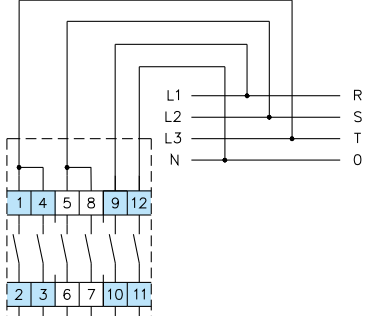
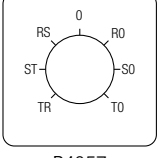
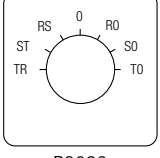
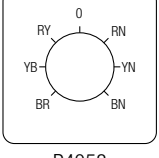
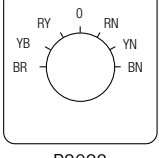
P3049

260

2



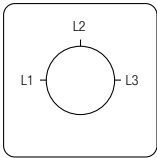
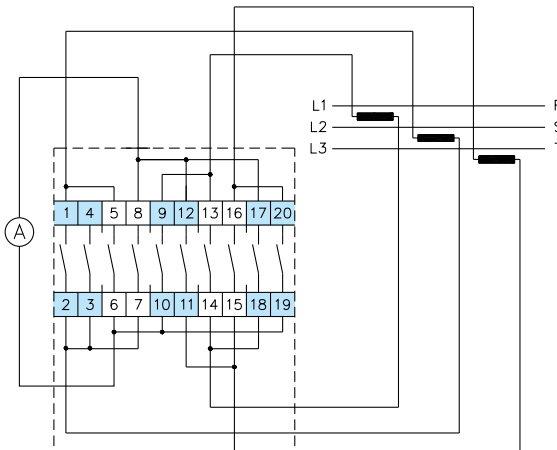
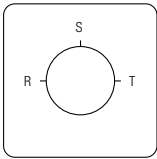
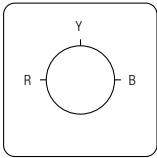
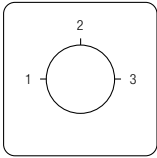
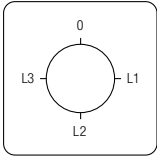
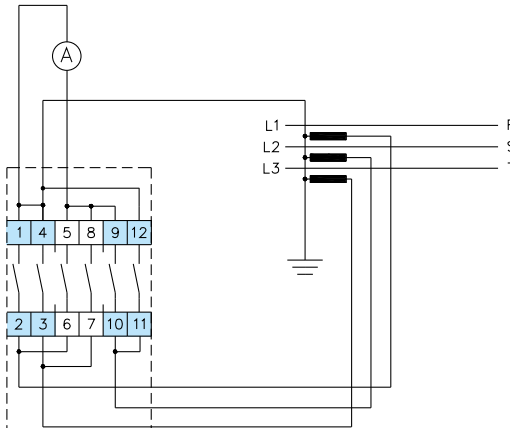
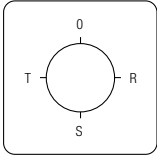
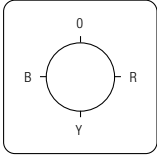
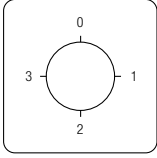
VOLTMETARSKÉ SKLOPKE *VOLTMETER SWITCHES*

Funkcija <i>Function</i>	Podloga <i>Escutcheon plate</i>	Kod <i>Code</i>	Br. elem. <i>No of elem.</i>	Dijagram <i>Diagram</i>																																						
	za / for GX, GN 4G10-4G25, GF20 za / for 4G40-4G200, GF10																																									
	 P4051  P3035	60	3	 <table border="1" data-bbox="901 873 1133 996"> <tr><td>L1N</td><td>X</td><td></td><td></td><td>X</td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td></tr> <tr><td>L1L2</td><td>X</td><td></td><td>X</td><td></td></tr> <tr><td>L2L3</td><td></td><td>X</td><td>X</td><td></td></tr> <tr><td>L3L1</td><td></td><td>X</td><td>X</td><td></td></tr> </table>	L1N	X			X	0					L1L2	X		X		L2L3		X	X		L3L1		X	X														
L1N	X				X																																					
0																																										
L1L2	X		X																																							
L2L3		X	X																																							
L3L1		X	X																																							
3 linjska napona i 1 fazni napon <i>3 line voltage and 1 phase voltage</i>	 P4052  P3036	C 60	3																																							
	 P4053  P3031	D 60	3																																							
	 P4054  P3027	66	3	 <table border="1" data-bbox="901 1747 1157 1915"> <tr><td>L3L1</td><td></td><td>X</td><td></td><td>X</td></tr> <tr><td>L2L3</td><td></td><td>X</td><td>X</td><td></td></tr> <tr><td>L1L2</td><td></td><td></td><td>X</td><td>X</td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td></tr> <tr><td>L1N</td><td></td><td></td><td></td><td>X</td><td>X</td></tr> <tr><td>L2N</td><td></td><td></td><td>X</td><td></td><td>X</td></tr> <tr><td>L3N</td><td>X</td><td></td><td></td><td></td><td>X</td></tr> </table>	L3L1		X		X	L2L3		X	X		L1L2			X	X	0					L1N				X	X	L2N			X		X	L3N	X				X
L3L1		X			X																																					
L2L3		X	X																																							
L1L2			X	X																																						
0																																										
L1N				X	X																																					
L2N			X		X																																					
L3N	X				X																																					
3 linjska napona i 3 fazna napona <i>3 line voltage and 3 phase voltage</i>	 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>	<p>za / for GX, GN 4G10-4G25, GF20</p> <p>za / for 4G40-4G200 GF10</p>	67	2	<table border="1"> <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>X</td><td></td></tr> </table>	0					L1L2	X			X	L2L3			X	X	L3L1		X	X	
	0																							
	L1L2	X				X																		
	L2L3				X	X																		
	L3L1		X		X																			
	<p>P4055</p>	<p>P3015</p>																						
<p>P4059</p>	<p>P3013</p>																							
C 67	2	D 67	2																					
				<p>P4060</p>	<p>P3019</p>																			
3 fazna napona <i>3 phase voltage</i>	<p>za / for GX, GN 4G10-4G25, GF20</p> <p>za / for 4G40-4G200 GF10</p>	68	2	<table border="1"> <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>X</td><td>X</td><td></td></tr> </table>	0					L1N		X		X	L2N	X			X	L3N		X	X	
	0																							
	L1N		X			X																		
	L2N	X				X																		
	L3N		X		X																			
	<p>P4056</p>	<p>P3014</p>																						
<p>P4061</p>	<p>P3012</p>																							
C 68	2	D 68	2																					
				<p>P4062</p>	<p>P3017</p>																			

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><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>L2</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></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>L3</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></td><td></td><td></td><td></td><td></td><td>X</td><td></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><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>L1</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></tr> <tr><td>L2</td><td>X</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>L3</td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td>X</td></tr> </table>	0	X	X			X							L1		X	X					X				L2	X	X			X							L3	X					X	X				X												
	0	X	X				X																																																									
	L1		X		X					X																																																						
	L2	X	X				X																																																									
	L3	X						X	X				X																																																			
 P9014	C 98	3																																																														
 P9008	D 98	3																																																														
 P9003	E 98	3																																																														
				<p>za / for GX, GN 4G10 - 4G25, GF20</p>																																																												

VOLTMETAR - AMPERMETARSKE SKLOPKE *VOLTMETER - AMMETER SWITCHES*

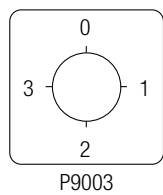
Funkcija
Function

Podloga
Escutcheon plate

Kod
Code

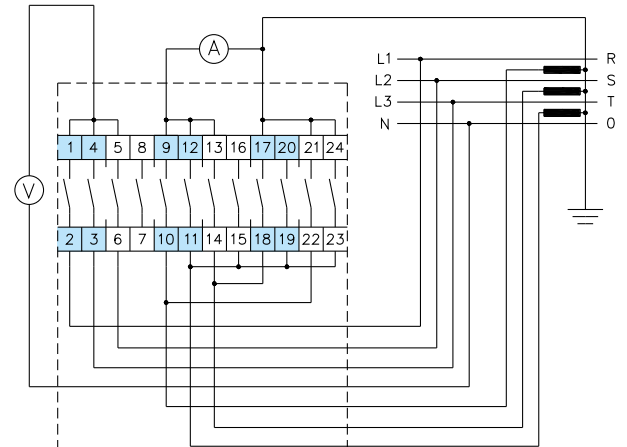
Br. elem.
No of elem.

Dijagram
Diagram



64

6

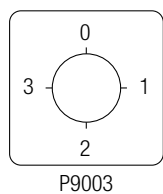


0					X	X	X
1	X			X		X	X
2		X			X		X
3	X			X		X	X

za / for 4G40 - 4G1200, GF10

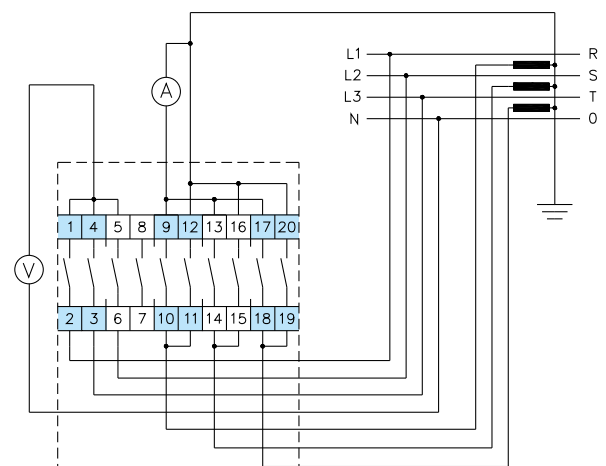
3 fazna napona
3 struje
*3 phase voltage
3 currents*

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



64

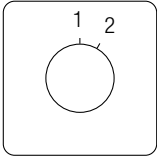
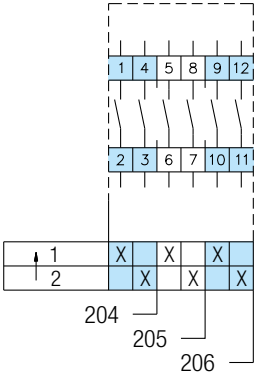
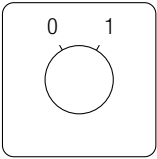
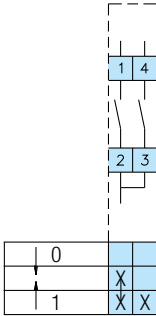
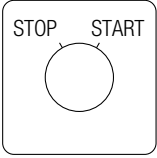
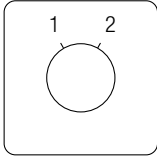
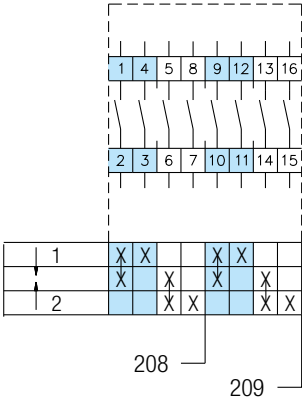
5



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

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>P6065</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)*

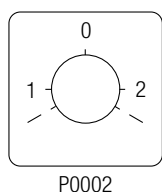
Funkcija
Function

Podloga
Escutcheon plate

Kod
Code

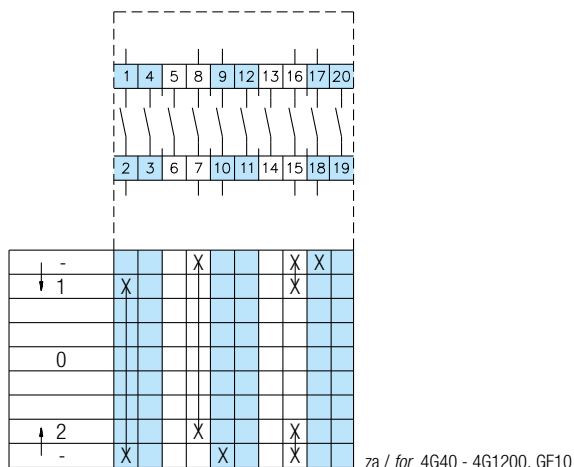
Br. elem.
No of elem.

Dijagram
Diagram

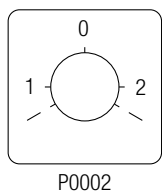


210

5

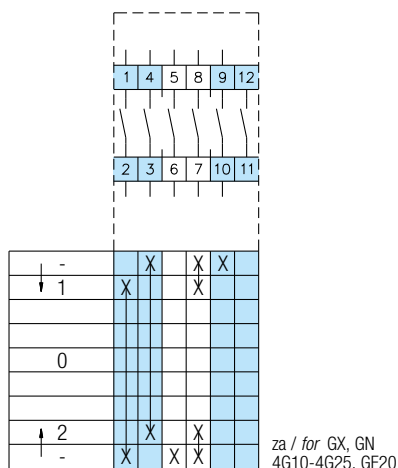


Sklopka sa zakretnim tipkalom lijevo i desno
Switch with spring return left and right



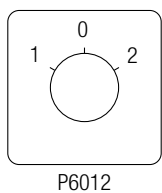
210

3



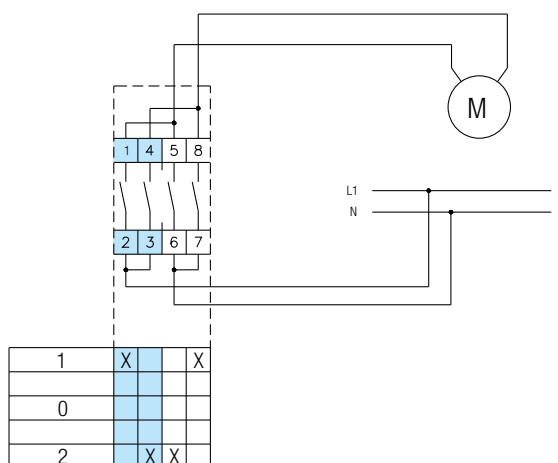
MOTORSKE REVERZIBILNE SKLOPKE *MOTOR REVERSING SWITCHES*

2 polna
2 pole

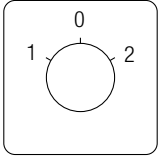
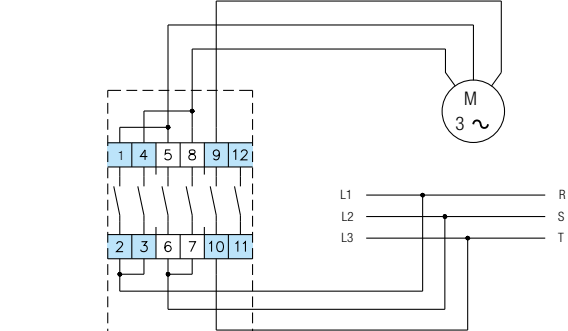
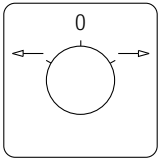
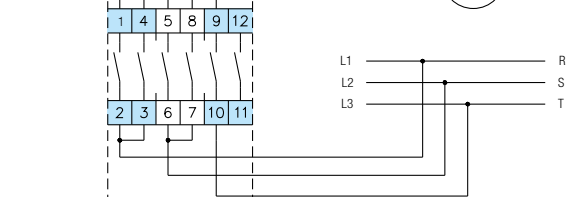
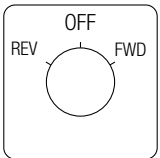
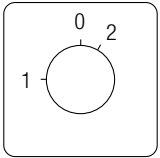
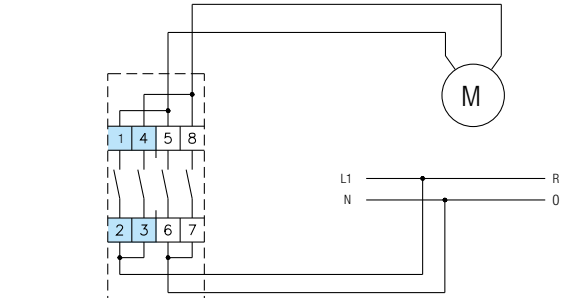
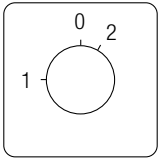
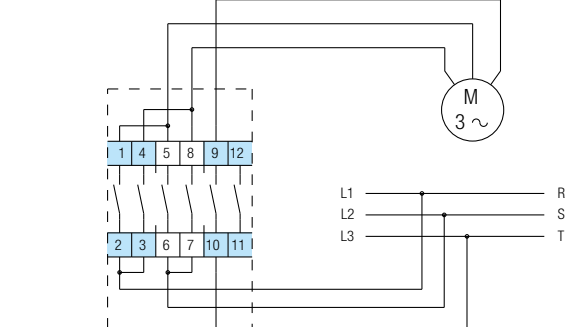


24

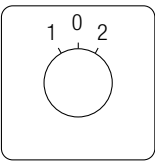
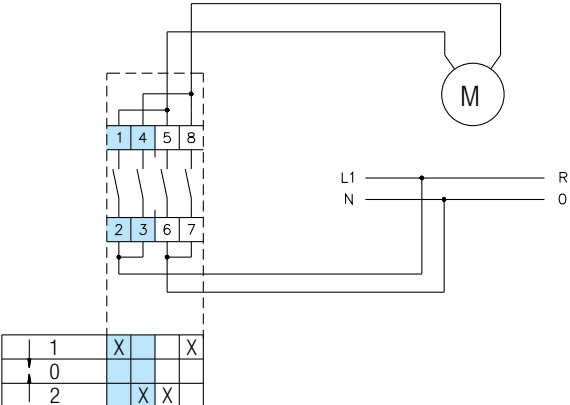
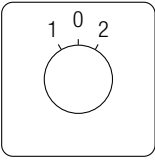
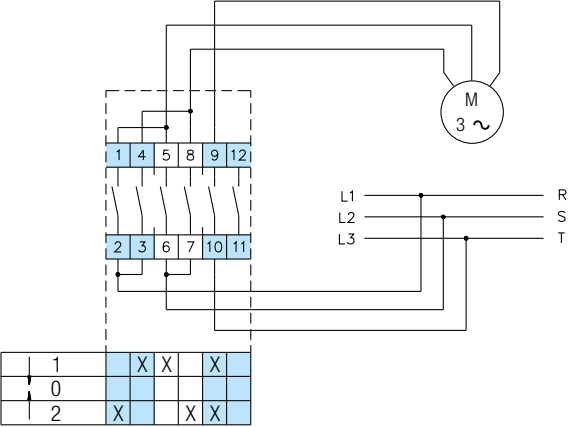
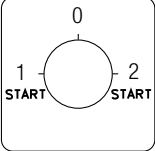
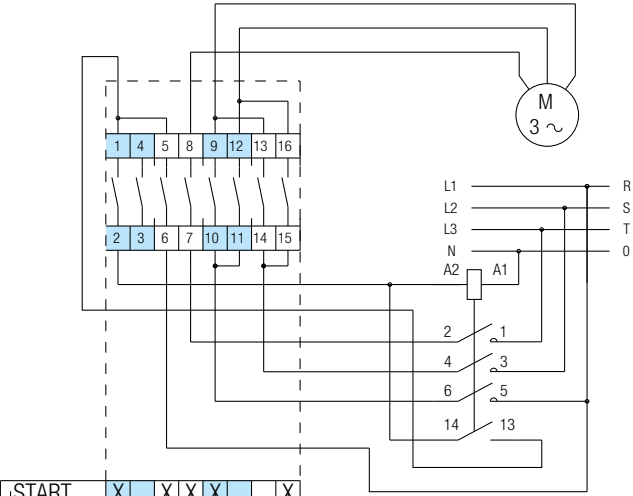
2



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	 <table border="1" data-bbox="842 1377 1045 1500"> <tr><td>1</td><td>X</td><td></td><td>X</td></tr> <tr><td>↑ 0</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>X</td><td>X</td><td></td></tr> </table>	1	X		X	↑ 0				2	X	X	
1	X		X													
↑ 0																
2	X	X														
3 polna povrat iz 2 u "0" <i>3 pole return from 2 to "0"</i>	 P0005	166	3	 <table border="1" data-bbox="842 1915 1093 2038"> <tr><td>1</td><td>X</td><td></td><td>X X</td></tr> <tr><td>↑ 0</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>X</td><td>X</td><td>X</td></tr> </table>	1	X		X X	↑ 0				2	X	X	X
1	X		X X													
↑ 0																
2	X	X	X													

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>																																			
2 polna povrat u "0" <i>2 pole return to "0"</i>	 P3021	25	2	 <table border="1" data-bbox="746 719 951 790"> <tr><td>1</td><td>X</td><td></td><td>X</td></tr> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>X</td><td>X</td><td></td></tr> </table>	1	X		X	0				2	X	X																								
1	X		X																																				
0																																							
2	X	X																																					
3 polna povrat u "0" <i>3 pole return to "0"</i>	 P3021	26	3	 <table border="1" data-bbox="746 1223 999 1294"> <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</td></tr> </table>	1	X	X	X	0				2	X		X																							
1	X	X	X																																				
0																																							
2	X		X																																				
3 polna sa sklopnikom <i>3 pole with contactor</i>	<p>za / for GX, GN 4G10-4G25, GF20</p>  P0004	27	4	 <table border="1" data-bbox="746 1827 1046 2045"> <tr><td>START</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td><td>X</td></tr> <tr><td>1</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>X</td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>START</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr> </table>	START	X	X	X	X		X	1		X	X	X		X	0							2		X	X	X	X	X	START	X	X	X	X	X	
START	X	X	X	X		X																																	
1		X	X	X		X																																	
0																																							
2		X	X	X	X	X																																	
START	X	X	X	X	X																																		

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>	<p>za / for GX, GN 4G10-4G25, GF20</p> <p>P6083</p> <p>za / for 4G40-4G200 GF10</p> <p>P3025</p>	21	5	

ZVIJEZDA - TROKUT SKLOPKE *STAR - DELTA SWITCHES*

Funkcija
Function

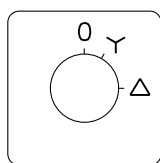
Podloga
Escutcheon plate

Kod
Code

Br. elem.
No of elem.

Dijagram
Diagram

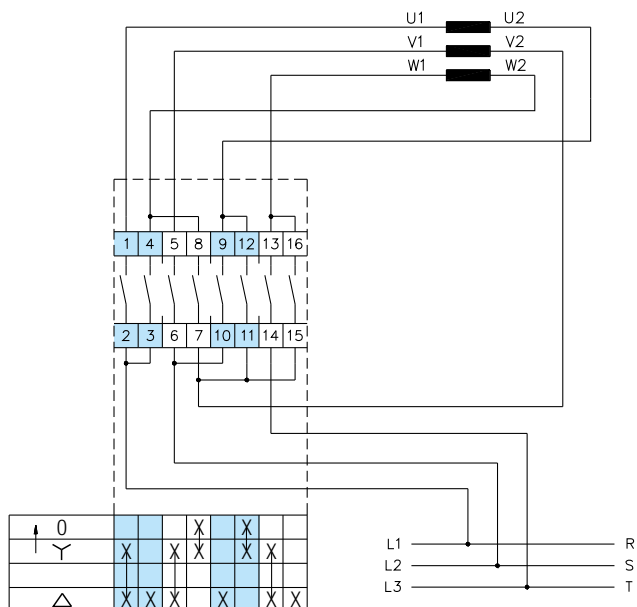
Povrat iz Y u "0"
Return from Y to "0"



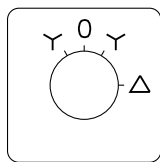
P0006

28

4



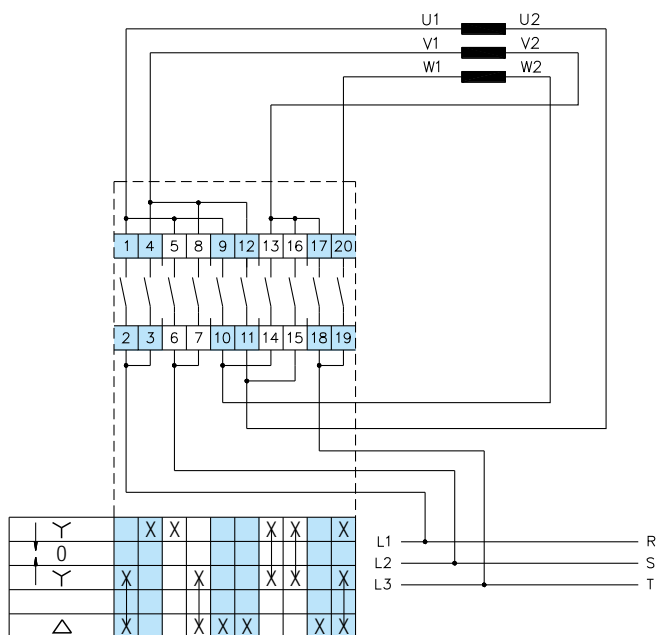
Protustrujno kočenje
Counter current braking



P0007

29

5



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

Funkcija
Function

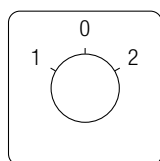
Podloga
Escutcheon plate

Kod
Code

Br. elem.
No. of elem.

Dijagram
Diagram

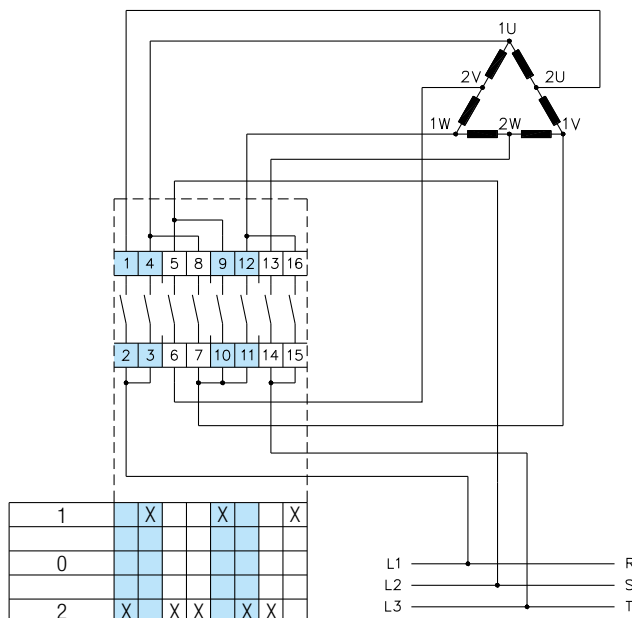
Položaj "0" u sredini
(Δ - 0 - YY)
With center "0"
(Δ - 0 - YY)



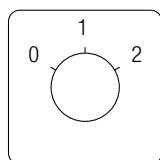
P6012

13

4



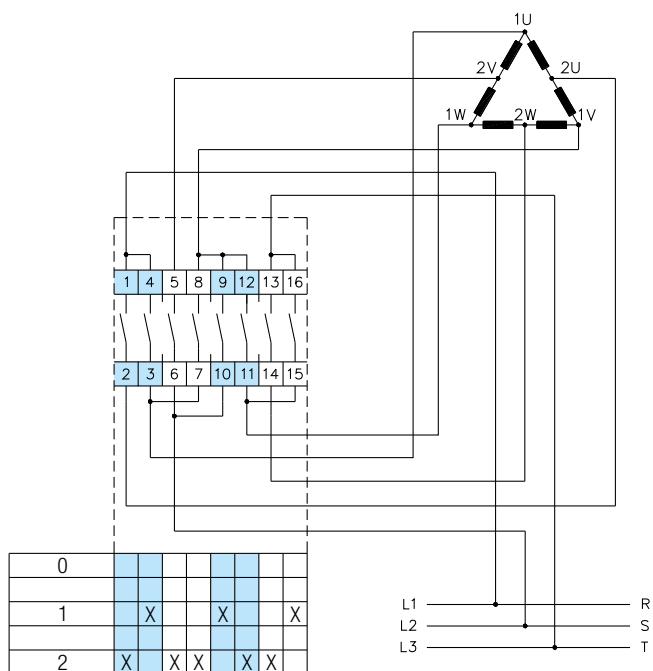
Standardna izvedba
(0 - Δ - YY)
Standard version
(0 - Δ - YY)



P6033

19

4



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

Funkcija
Function

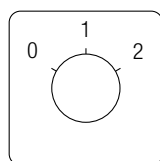
Podloga
Escutcheon plate

Kod
Code

Br. elem.
No of elem.

Dijagram
Diagram

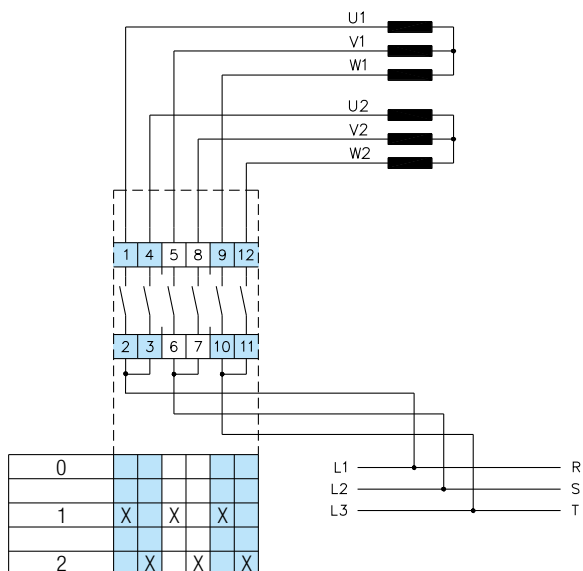
2 brzine, 2 namota
2 speed, 2 windings



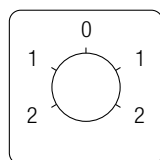
P6033

22

3



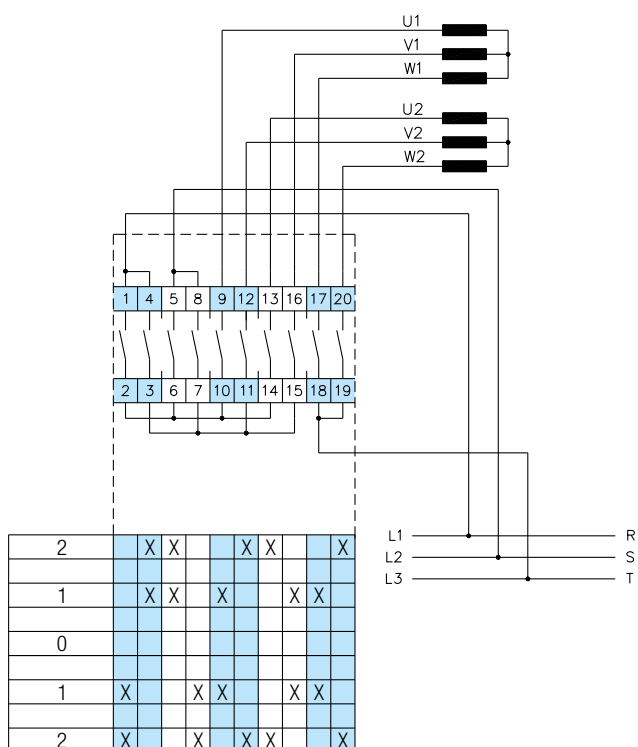
2 brzine, 2 smjera
2 namota
*2 speed, reversing,
2 windings*



P6010

23

5



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

Funkcija
Function

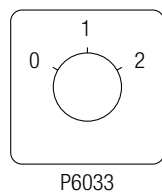
Podloga
Escutcheon plate

Kod
Code

Br. elem.
No of elem.

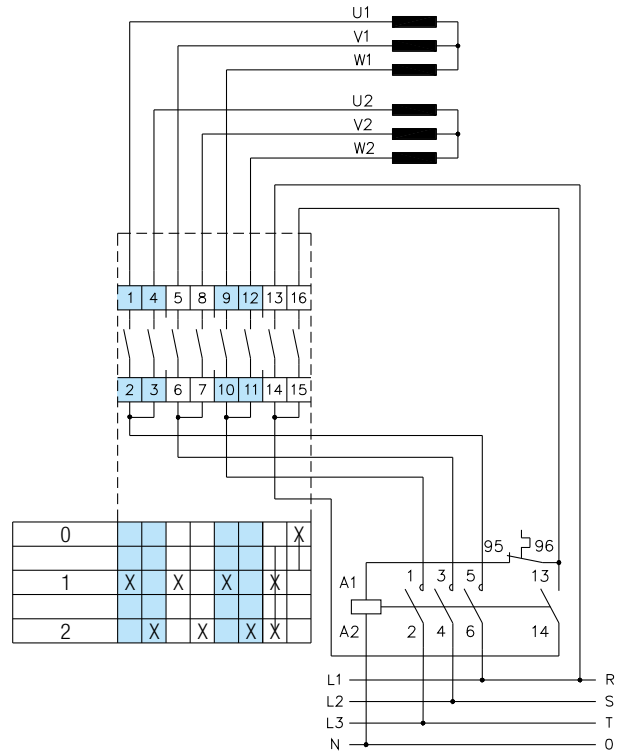
Dijagram
Diagram

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

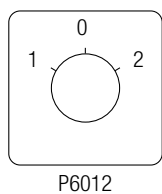


33

4

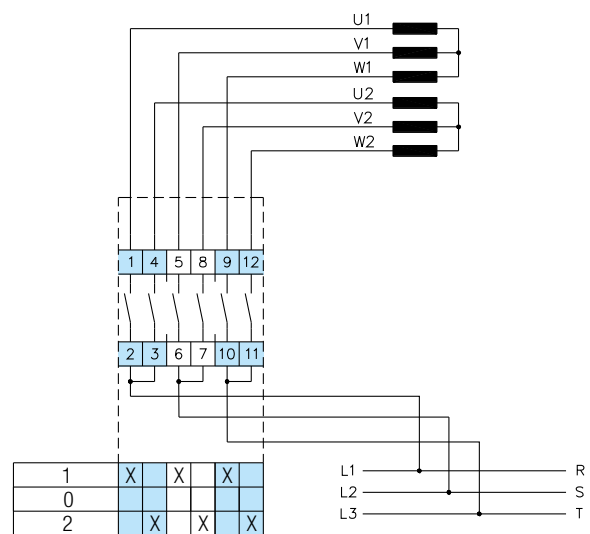


2 brzine, 2 namota
2 speed, 2 windings



53

3



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

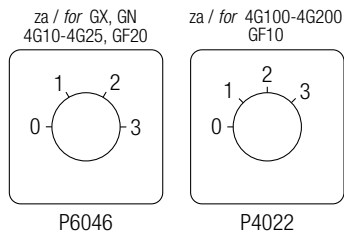
Funkcija
Function

Podloga
Escutcheon plate

Kod
Code

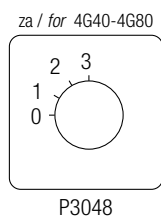
Br. elem.
No of elem.

Dijagram
Diagram



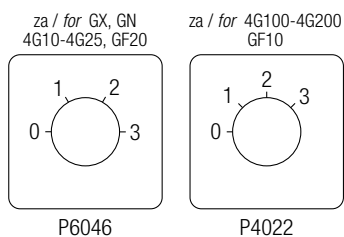
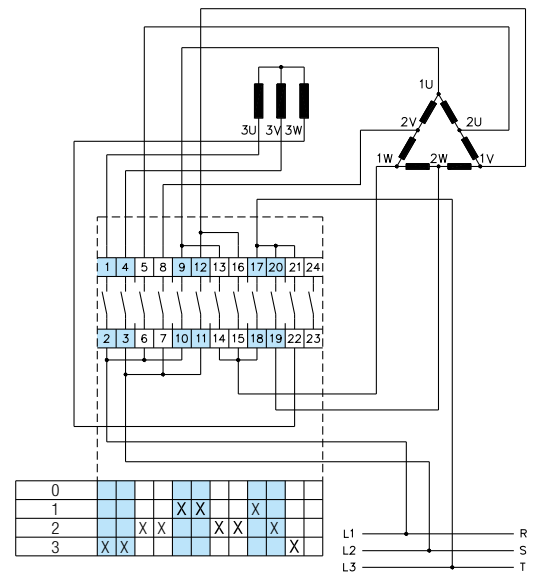
3 brzine, 2 namota
(1. i 2. brzina Dahlander)
(0 - Δ - YY - Y)

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



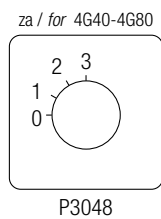
35

6



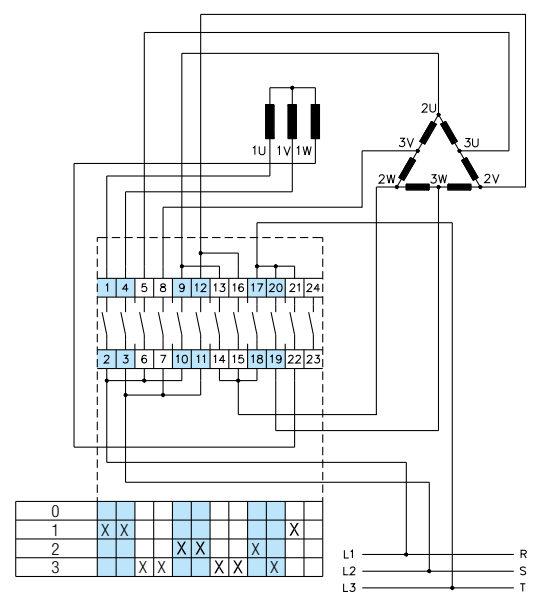
3 brzine, 2 namota
(2. i 3. brzina Dahlander)
(0 - Y - Δ - YY)

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



36

6



SKLOPKE ZA POKRETANJE JEDNOFAZNIH MOTORA *START AND RUN SWITCHES*

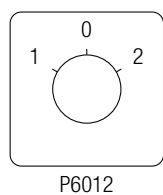
Funkcija
Function

Podloga
Escutcheon plate

Kod
Code

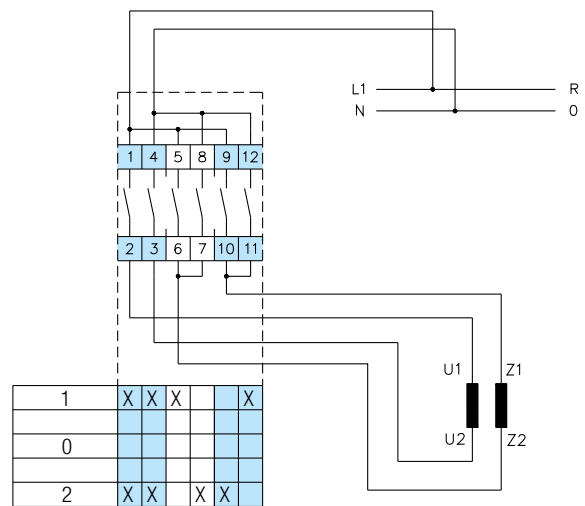
Br. elem.
No of elem.

Dijagram
Diagram

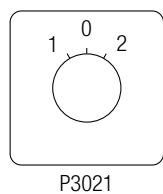


17

3

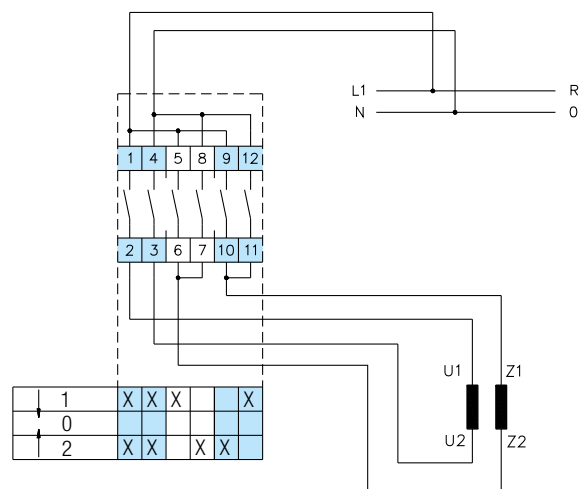


2 smjera okretanja
trajno uključena
pomoćna faza
*Reversing
permanent start
winding*



50

3



SKLOPKE SERIJE SWITCHES SERIES 4G200 - 4G1200

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

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

09	2	4	6	6	9
C09	2	4	6	6	9
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		

■ ROTARY CAM SWITCHES GN, GF, 4G, GX



www.LovatoKoncar.hr

LOVATO KONČAR d.o.o.
Borongajska cesta 81 b
10002 ZAGREB
HRVATSKA
Tel +385 (0)1 2369 243, 2369 203
prodaja@LovatoKoncar.hr
www.LovatoKoncar.hr



Follow us

The products described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in the leaflet are to be considered as purely illustrative, and consequently have no contractual relevance. Remember also that the products themselves must be used by qualified personnel, in compliance with current plant engineering and installation standards, in order to avoid injury to persons or damage to property.