

CR series





■ ON-OFF switch 1 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120001RT4	1	CR0120001RT6	1	CR0120001GT4	1	CR0120001GT6	1
O OFF		S1	16A	CR0160001RT4	1	CR0160001RT6	1	CR0160001GT4	1	CR0160001GT6	1
OFF 1 ON		51	20A	CR0200001RT4	1	CR0200001RT6	1	CR0200001GT4	1	CR0200001GT6	1
ON			25A	CR0260001RT4	1	CR0260001RT6	1				
0004		S2 -	25A	CR0250001RT4	1	CR0250001RT6	1	CR0250001GT4	1	CR0250001GT6	1
0001			32A								
			40A								
			50A								

■ ON-OFF switch 2 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120002RT4	1	CR0120002RT6	1	CR0120002GT4	1	CR0120002GT6	1
O OFF	1 0	S1	16A	CR0160002RT4	1	CR0160002RT6	1	CR0160002GT4	1	CR0160002GT6	1
0002		31	20A	CR0200002RT4	1	CR0200002RT6	1	CR0200002GT4	1	CR0200002GT6	1
			25A	CR0260002RT4	1						
		S2 -	25A	CR0250002RT4	1	CR0250002RT6	1	CR0250002GT4	1	CR0250002GT6	1
			32A	CR0320002RT4	1	CR0320002RT6	1	CR0320002GT4	1	CR0320002GT6	1
			40A	CR0400002RT4	1	CR0400002RT6	1	CR0400002GT4	1	CR0400002GT6	1
			50A			CR0510002RT6	1				

■ ON-OFF switch 3 pole

	Circuit diagram	Size	l _e	Part no.	Pack							
			12A	CR0120003RT4	1	CR0120003RT6	1	CR0120003GT4	1	CR0120003GT6	1	
O OFF	1 3 5	S1	16A	CR0160003RT4	1	CR0160003RT6	1	CR0160003GT4	1	CR0160003GT6	1	
ON ON		51	20A	CR0200003RT4	1	CR0200003RT6	1	CR0200003GT4	1	CR0200003GT6	1	
0003			25A	CR0260003RT4	1							
		S2	25A	CR0250003RT4	1	CR0250003RT6	1	CR0250003GT4	1	CR0250003GT6	1	
			92	32A	CR0320003RT4	1	CR0320003RT6	1	CR0320003GT4	1	CR0320003GT6	1
			40A	CR0400003RT4	1	CR0400003RT6	1	CR0400003GT4	1	CR0400003GT6	1	
			50A			CR0510003RT6	1					



■ ON-OFF switch 4 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120004RT4	1	CR0120004RT6	1	CR0120004GT4	1	CR0120004GT6	1
O OFF	1 0 5 7	S1	16A	CR0160004RT4	1	CR0160004RT6	1	CR0160004GT4	1	CR0160004GT6	1
1 0N	1 3 5 7	31	20A	CR0200004RT4	1	CR0200004RT6	1	CR0200004GT4	1	CR0200004GT6	1
0004			25A	CR0260004RT4	1						
		S2 -	25A	CR0250004RT4	1	CR0250004RT6	1	CR0250004GT4	1	CR0250004GT6	1
			32A	CR0320004RT4	1	CR0320004RT6	1	CR0320004GT4	1	CR0320004GT6	1
			40A	CR0400004RT4	1	CR0400004RT6	1	CR0400004GT4	1	CR0400004GT6	1
			50A			CR0510004RT6	1				

■ ON-OFF switch 3 pole with spring return to "OFF"

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120035RT4	1	CR0120035RT6	1	CR0120035GT4	1	CR0120035GT6	1
O OFF	1 0 5	S1	16A	CR0160035RT4	1	CR0160035RT6	1	CR0160035GT4	1	CR0160035GT6	1
0035		51	20A								
			25A								
		S2 -	25A								
			32A								
			40A								
			50A								

■ Change-over switch 1 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120005RT4	1	CR0120005RT6	1	CR0120005GT4	1	CR0120005GT6	1
O OFF	U U1	S1	16A	CR0160005RT4	1	CR0160005RT6	1	CR0160005GT4	1	CR0160005GT6	1
1 2		31	20A	CR0200005RT4	1	CR0200005RT6	1	CR0200005GT4	1	CR0200005GT6	1
	° °		25A	CR0260005RT4	1						
0005	ļ		25A	CR0250005RT4	1	CR0250005RT6	1	CR0250005GT4	1	CR0250005GT6	1
0005	R/L1	S2	32A								
		32	40A								
			50A								





■ Change-over switch 2 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120006RT4	1	CR0120006RT6	1	CR0120006GT4	1	CR0120006GT6	1
0 0FF	U U1 V V1	S1	16A	CR0160006RT4	1	CR0160006RT6	1	CR0160006GT4	1	CR0160006GT6	1
0006	R/L1 S/L2	31	20A	CR0200006RT4	1	CR0200006RT6	1	CR0200006GT4	1	CR0200006GT6	1
			25A	CR0260006RT4	1						
		S2 -	25A	CR0250006RT4	1	CR0250006RT6	1	CR0250006GT4	1	CR0250006GT6	1
			32A	CR0320006RT4	1	CR0320006RT6	1	CR0320006GT4	1	CR0320006GT6	1
			40A	CR0400006RT4	1	CR0400006RT6	1	CR0400006GT4	1	CR0400006GT6	1
			50A			CR0510006RT6	1				

■ Change-over switch 3 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120007RT4	1	CR0120007RT6	1	CR0120007GT4	1	CR0120007GT6	1
O OFF	U U1 V V1 W W1	S1	16A	CR0160007RT4	1	CR0160007RT6	1	CR0160007GT4	1	CR0160007GT6	1
1 1 2 0007	R/L1 S/L2 T/L3	31	20A	CR0200007RT4	1	CR0200007RT6	1	CR0200007GT4	1	CR0200007GT6	1
			25A	CR0260007RT4	1						
		S2	25A	CR0250007RT4	1	CR0250007RT6	1	CR0250007GT4	1	CR0250007GT6	1
			32A	CR0320007RT4	1	CR0320007RT6	1	CR0320007GT4	1	CR0320007GT6	1
			40A	CR0400007RT4	1	CR0400007RT6	1	CR0400007GT4	1	CR0400007GT6	1
			50A			CR0510007RT6	1				

■ Change-over switch 4 pole

	Circuit diagram	Size	l _e	Part no.	Pack							
			12A	CR0120039RT4	1	CR0120039RT6	1	CR0120039GT4	1	CR0120039GT6	1	
O OFF	U U1 V V1 W W1 N N1	S1	16A	CR0160039RT4	1	CR0160039RT6	1	CR0160039GT4	1	CR0160039GT6	1	
1 0039	R/L1 S/L2 T/L3 N/O	01	20A	CR0200039RT4	1	CR0200039RT6	1	CR0200039GT4	1	CR0200039GT6	1	
			25A	CR0260039RT4	1							
		S2 -	25A	CR0250039RT4	1	CR0250039RT6	1	CR0250039GT4	1	CR0250039GT6	1	
			92	32A	CR0320039RT4	1	CR0320039RT6	1	CR0320039GT4	1	CR0320039GT6	1
			40A	CR0400039RT4	1	CR0400039RT6	1	CR0400039GT4	1	CR0400039GT6	1	
			50A			CR0510039RT6	1					



■ Reversing switch 3 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120008RT4	1	CR0120008RT6	1	CR0120008GT4	1	CR0120008GT6	1
O OFF	D C T	S1	16A	CR0160008RT4	1	CR0160008RT6	1	CR0160008GT4	1	CR0160008GT6	1
0008		31	20A	CR0200008RT4	1	CR0200008RT6	1	CR0200008GT4	1	CR0200008GT6	1
			25A	CR0260008RT4	1						
		S2 -	25A	CR0250008RT4	1	CR0250008RT6	1	CR0250008GT4	1	CR0250008GT6	1
			32A	CR0320008RT4	1	CR0320008RT6	1	CR0320008GT4	1	CR0320008GT6	1
			40A	CR0400008RT4	1	CR0400008RT6	1	CR0400008GT4	1	CR0400008GT6	1
			50A			CR0510008RT6	1				

■ Reversing switch 3 pole with spring return to "off"

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120036RT4	1	CR0120036RT6	1	CR0120036GT4	1	CR0120036GT6	1
∕ •0 <u></u> ◆	T S B	S1	16A	CR0160036RT4	1	CR0160036RT6	1	CR0160036GT4	1	CR0160036GT6	1
0036		٥١	20A	CR0200036RT4	1	CR0200036RT6	1	CR0200036GT4	1	CR0200036GT6	1
			25A	CR0260036RT4	1						
		S2	25A	CR0250036RT4	1	CR0250036RT6	1	CR0250036GT4	1	CR0250036GT6	1
			32A								
		52	40A								
			50A								

■ Changing switch Dahlander pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120009RT4	1	CR0120009RT6	1	CR0120009GT4	1	CR0120009GT6	1
O OFF		S1	16A	CR0160009RT4	1	CR0160009RT6	1	CR0160009GT4	1	CR0160009GT6	1
1 0009		31	20A	CR0200009RT4	1	CR0200009RT6	1	CR0200009GT4	1	CR0200009GT6	1
			25A	CR0260009RT4	1						
		S2 -	25A	CR0250009RT4	1	CR0250009RT6	1	CR0250009GT4	1	CR0250009GT6	1
			32A	CR0320009RT4	1	CR0320009RT6	1	CR0320009GT4	1	CR0320009GT6	1
			40A	CR0400009RT4	1	CR0400009RT6	1	CR0400009GT4	1	CR0400009GT6	1
			50A			CR0510009RT6	1				





■ STAR-DELTA Starter

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120010RT4	1	CR0120010RT6	1	CR0120010GT4	1	CR0120010GT6	1
O OFF		S1	16A	CR0160010RT4	1	CR0160010RT6	1	CR0160010GT4	1	CR0160010GT6	1
Y		31	20A	CR0200010RT4	1	CR0200010RT6	1	CR0200010GT4	1	CR0200010GT6	1
0010			25A	CR0260010RT4	1						
		S2 -	25A	CR0250010RT4	1	CR0250010RT6	1	CR0250010GT4	1	CR0250010GT6	1
			32A	CR0320010RT4	1	CR0320010RT6	1	CR0320010GT4	1	CR0320010GT6	1
			40A	CR0400010RT4	1	CR0400010RT6	1	CR0400010GT4	1	CR0400010GT6	1
			50A			CR0510010RT6	1				

■ Reversing switch pole changing

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120011RT4	1	CR0120011RT6	1	CR0120011GT4	1	CR0120011GT6	1
0 4 0FF		S1	16A	CR0160011RT4	1	CR0160011RT6	1	CR0160011GT4	1	CR0160011GT6	1
0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		31	20A	CR0200011RT4	1	CR0200011RT6	1	CR0200011GT4	1	CR0200011GT6	1
			25A	CR0260011RT4	1						
		S2 :	25A	CR0250011RT4	1	CR0250011RT6	1	CR0250011GT4	1	CR0250011GT6	1
			32A								
			40A								
			50A								

■ Switch single phase motor + aux phase

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120031RT4	1	CR0120031RT6	1	CR0120031GT4	1	CR0120031GT6	1
0 0FF 1	D 0	S1	16A	CR0160031RT4	1	CR0160031RT6	1	CR0160031GT4	1	CR0160031GT6	1
on start	A U V	٥١	20A	CR0200031RT4	1	CR0200031RT6	1	CR0200031GT4	1	CR0200031GT6	1
			25A	CR0260031RT4	1						
			25A	CR0250031RT4	1	CR0250031RT6	1	CR0250031GT4	1	CR0250031GT6	1
			32A								
			40A								
			50A								



■ Reversing switch single-phase motor + aux phase

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120032RT4	1	CR0120032RT6	1	CR0120032GT4	1	CR0120032GT6	1
O OFF		S1	16A	CR0160032RT4	1	CR0160032RT6	1	CR0160032GT4	1	CR0160032GT6	1
one of the stant o		31	20A								
			25A	CR0260032RT4	1						
		S2 -	25A	CR0250032RT4	1	CR0250032RT6	1	CR0250032GT4	1	CR0250032GT6	1
			32A								
			40A								
			50A								

■ Reversing switch single-phase motor + centrif.

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120034RT4	1	CR0120034RT6	1	CR0120034GT4	1	CR0120034GT6	1
O OFF		S1	16A	CR0160034RT4	1	CR0160034RT6	1	CR0160034GT4	1	CR0160034GT6	1
1 1 2 0034		31	20A	CR0200034RT4	1	CR0200034RT6	1	CR0200034GT4	1	CR0200034GT6	1
			25A	CR0260034RT4	1						
		 S2	25A	CR0250034RT4	1	CR0250034RT6	1	CR0250034GT4	1	CR0250034GT6	1
			32A								
		52	40A								
			50A								

■ Voltmeter switch 3 concatenated voltages

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120016RT4	1	CR0120016RT6	1	CR0120016GT4	1	CR0120016GT6	1
L2-L3	1 5 7	S1	16A								
L1-L2 L3-L1		31	20A								
0016			25A								
		S2 -	25A								
			32A								
			40A								
			50A								





■ Voltmeter switch 3 concatenated voltages and 3 phase voltages

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120018RT4	1	CR0120018RT6	1	CR0120018GT4	1	CR0120018GT6	1
0		S1	16A								
0 0 0 0 1 1 1 2 4 1 1 2 4 1 1 2 4 1 1 1 1 1 1 1		ا ا	20A								
			25A								
		S2	25A								
			32A								
		32	40A								
			50A								

■ Ammeter switch 1 pole 3 current transformers

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120022RT4	1	CR0120022RT6	1	CR0120022GT4	1	CR0120022GT6	1
O OFF	0 11	S1	16A								
3 1 2 0022		31	20A								
			25A								
		S2 -	25A								
			32A								
			40A								
			50A								

■ Multi step switch with off 1 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012MZ13RT4	1	CR012MZ13RT6	1	CR012MZ13GT4	1	CR012MZ13GT6	1
O OFF	1 2 3	S1	16A	CR016MZ13RT4	1	CR016MZ13RT6	1	CR016MZ13GT4	1	CR016MZ13GT6	1
1	L1/R	31	20A	CR020MZ13RT4	1	CR020MZ13RT6	1	CR020MZ13GT4	1	CR020MZ13GT6	1
1 2			25A	CR026MZ13RT4	1						
N4740		S2	25A	CR025MZ13RT4	1	CR025MZ13RT6	1	CR025MZ13GT4	1	CR025MZ13GT6	1
MZ13			32A								
			40A								
			50A								



■ Multi step switch with off 1 pole 4 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012MZ14RT4	1	CR012MZ14RT6	1	CR012MZ14GT4	1	CR012MZ14GT6	1
0 0FF	1 0 0 4	S1	16A	CR016MZ14RT4	1	CR016MZ14RT6	1	CR016MZ14GT4	1	CR016MZ14GT6	1
2	1 2 3 4	31	20A								
MZ14			25A								
		S2	25A								
			32A								
	LI/N	52	40A								
			50A								

■ Multi step switch with off 2 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012MZ23RT4	1	CR012MZ23RT6	1	CR012MZ23GT4	1	CR012MZ23GT6	1
0 0FF		S1	16A	CR016MZ23RT4	1	CR016MZ23RT6	1	CR016MZ23GT4	1	CR016MZ23GT6	1
	1 2 3 1 2 3	31	20A	CR020MZ23RT4	1	CR020MZ23RT6	1	CR020MZ23GT4	1	CR020MZ23GT6	1
MZ23			25A	CR026MZ23RT4	1						
		S2 -	25A	CR025MZ23RT4	1	CR025MZ23RT6	1	CR025MZ23GT4	1	CR025MZ23GT6	1
			32A								
			40A								
			50A								

■ Multi step switch with off 2 pole 4 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012MZ24RT4	. 1	CR012MZ24RT6	1	CR012MZ24GT4	1	CR012MZ24GT6	1
O OFF		S1	16A	CR016MZ24RT4	. 1	CR016MZ24RT6	1	CR016MZ24GT4	1	CR016MZ24GT6	1
MZ24	1234 1234	٥١	20A								
	LINR L2S		25A								
		S2 -	25A								
			32A								
			40A								
			50A								





■ Multi step switch with off 3 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012MZ33RT4	1	CR012MZ33RT6	1	CR012MZ33GT4	1	CR012MZ33GT6	1
O OFF		S1	16A	CR016MZ33RT4	1	CR016MZ33RT6	1	CR016MZ33GT4	1	CR016MZ33GT6	1
MZ33	1 2 3 1 2 3	51	20A								
			25A								
		S2 -	25A								
			32A								
			40A								
			50A								

■ Multi step switch without off 1 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012M013RT4	1	CR012M013RT6	1	CR012M013GT4	1	CR012M013GT6	1
1,	1 0 0	S1	16A	CR016M013RT4	1	CR016M013RT6	1	CR016M013GT4	1	CR016M013GT6	1
3	1 2 3	51	20A								
3			25A								
14040		S2 -	25A								
M013			32A								
			40A								
			50A								



■ Multi step switch without off 1 pole 4 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012M014RT4	1	CR012M014RT6	1	CR012M014GT4	1	CR012M014GT6	1
1 .	4 0 0 4	C1	16A	CR016M014RT4	1	CR016M014RT6	1	CR016M014GT4	1	CR016M014GT6	1
1 2	1 2 3 4	S1	20A								
3			25A								
		S2 -	25A								
M014			32A								
			40A								
			50A								

■ Multi step switch without off 1 pole 5 steps

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR012M015RT4	1	CR012M015RT6	1	CR012M015GT4	1	CR012M015GT6	1
1,	1 0 0 4 5	S1	16A	CR016M015RT4	1	CR016M015RT6	1	CR016M015GT4	1	CR016M015GT6	1
3	1 2 3 4 5	51	20A								
3			25A								
•		S2	25A								
M015			32A								
			40A								
			50A								





■ ON-OFF switch 3 pole with padlockable handle

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR01200G3RL6	1	CR01200G3RK6	1	CR01200G3BL6	1	CR01200G3BK6	1
O OFF	1 0 5	S1	16A	CR01600G3RL6	1	CR01600G3RK6	1	CR01600G3BL6	1	CR01600G3BK6	1
1 0N		51	20A	CR02000G3RL6	1	CR02000G3RK6	1	CR02000G3BL6	1	CR02000G3BK6	1
			25A	CR02600G3RL6	1	CR02600G3RK6	1	CR02600G3BL6	1	CR02600G3BK6	1
0000		S2 -	25A	CR02500G3RL6	1	CR02500G3RK6	1	CR02500G3BL6	1	CR02500G3BK6	1
00G3			32A	CR03200G3RL6	1	CR03200G3RK6	1	CR03200G3BL6	1	CR03200G3BK6	1
			40A	CR04000G3RL6	1	CR04000G3RK6	1	CR04000G3BL6	1	CR04000G3BK6	1
			50A	CR05100G3RL6	1	CR05100G3RK6	1	CR05100G3BL6	1	CR05100G3BK6	1

■ ON-OFF switch 4 pole with padlockable handle

	Circuit diagram	Size	l _e	Part no.	Pack							
			12A	CR01200G4RL6	1	CR01200G4RK6	1	CR01200G4BL6	1	CR01200G4BK6	1	
O OFF	1 0 5 7	S1	16A	CR01600G4RL6	1	CR01600G4RK6	1	CR01600G4BL6	1	CR01600G4BK6	1	
1 ON	1 3 5 7	51	20A	CR02000G4RL6	1	CR02000G4RK6	1	CR02000G4BL6	1	CR02000G4BK6	1	
			25A	CR02600G4RL6	1	CR02600G4RK6	1	CR02600G4BL6	1	CR02600G4BK6	1	
0004		S2 -	25A	CR02500G4RL6	1	CR02500G4RK6	1	CR02500G4BL6	1	CR02500G4BK6	1	
00G4			CO.	32A	CR03200G4RL6	1	CR03200G4RK6	1	CR03200G4BL6	1	CR03200G4BK6	1
			40A	CR04000G4RL6	1	CR04000G4RK6	1	CR04000G4BL6	1	CR04000G4BK6	1	
			50A	CR05100G4RL6	1	CR05100G4RK6	1	CR05100G4BL6	1	CR05100G4BK6	1	

^{*} Base mounting switches are supplied with standard 175mm (6.89") shaft



■ ON-OFF switch 3 pole with padlockable handle

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR01200G3GL6	1	CR01200G3GK6	1	CR01200G3HL6	1	CR01200G3HK6	1
O OFF	4 0 5	S1	16A	CR01600G3GL6	1	CR01600G3GK6	1	CR01600G3HL6	1	CR01600G3HK6	1
1 ON	1 3 5	51	20A	CR02000G3GL6	1	CR02000G3GK6	1	CR02000G3HL6	1	CR02000G3HK6	1
			25A	CR02600G3GL6	1	CR02600G3GK6	1	CR02600G3HL6	1	CR02600G3HK6	1
0000		S2 -	25A	CR02500G3GL6	1	CR02500G3GK6	1	CR02500G3HL6	1	CR02500G3HK6	1
00G3			32A	CR03200G3GL6	1	CR03200G3GK6	1	CR03200G3HL6	1	CR03200G3HK6	1
			40A	CR04000G3GL6	1	CR04000G3GK6	1	CR04000G3HL6	1	CR04000G3HK6	1
			50A								

■ ON-OFF switch 4 pole with padlockable handle

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR01200G4GL6	1	CR01200G4GK6	1	CR01200G4HL6	1	CR01200G4HK6	1
O OFF	1 0 5 7	S1	16A	CR01600G4GL6	1	CR01600G4GK6	1	CR01600G4HL6	1	CR01600G4HK6	1
1 ON	1 3 5 7	51	20A	CR02000G4GL6	1	CR02000G4GK6	1	CR02000G4HL6	1	CR02000G4HK6	1
			25A	CR02600G4GL6	1	CR02600G4GK6	1	CR02600G4HL6	1	CR02600G4HK6	1
0004		S2 -	25A	CR02500G4GL6	1	CR02500G4GK6	1	CR02500G4HL6	1	CR02500G4HK6	1
00G4			32A	CR03200G4GL6	1	CR03200G4GK6	1	CR03200G4HL6	1	CR03200G4HK6	1
			40A	CR04000G4GL6	1	CR04000G4GK6	1	CR04000G4HL6	1	CR04000G4HK6	1
			50A								

^{*} Base mounting switches are supplied with standard 175mm (6.89") shaft





■ ON-OFF switch 1 pole

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR0120001RV4	1			CR0120001GV4	1		
O OFF		C1	16A	CR0160001RV4	1			CR0160001GV4	1		
1 ON		S1	20A	CR0200001RV4	1			CR0200001GV4	1		
			25A	CR0260001RV4	1						
0004		S2 -	25A			CR0250001RV	6 1			CR0250001GV6	1
0001			32A								
			40A								
			50A								

■ ON-OFF switch 2 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120002RV4	1			CR0120002GV4	1		
O OFF	1 3	S1	16A	CR0160002RV4	1			CR0160002GV4	1		
1 ON		51	20A	CR0200002RV4	1			CR0200002GV4	1		
			25A	CR0260002RV4	1						
0000		S2 -	25A			CR0250002RV6	1			CR0250002GV6	1
0002			32A			CR0320002RV6	1			CR0320002GV6	1
			40A			CR0400002RV6	1			CR0400002GV6	1
			50A								

■ ON-OFF switch 3 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120003RV4	1			CR0120003GV4	1		
O OFF	1 0 5	S1	16A	CR0160003RV4	1			CR0160003GV4	1		
1	1 3 5	51	20A	CR0200003RV4	1			CR0200003GV4	1		
OOOO			25A	CR0260003RV4	1						
		S2 -	25A			CR0250003RV6	1			CR0250003GV6	1
0003			32A			CR0320003RV6	1			CR0320003GV6	1
			40A			CR0400003RV6	1			CR0400003GV6	1
			50A								



■ ON-OFF switch 4 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120004RV4	1			CR0120004GV4	1		
O OFF	1 0 5 7	S1	16A	CR0160004RV4	1			CR0160004GV4	1		
OFF ON	1 3 5 7	51	20A	CR0200004RV4	1			CR0200004GV4	1		
ON			25A	CR0260004RV4	1						
0004		S2 -	25A			CR0250004RV6	1			CR0250004GV6	1
0004			32A			CR0320004RV6	1			CR0320004GV6	1
			40A			CR0400004RV6	1			CR0400004GV6	1
			50A								

■ ON-OFF switch 3 pole with spring return to "OFF"

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR0120035RV4	1			CR0120035GV4	1		
O OFF	1 3 5	S1	16A	CR0160035RV4	1			CR0160035GV4	1		
0035	1 3 5	51	20A								
			25A								
		S2	25A								
			32A								
	2 4 0	52	40A								
			50A								

■ Change-over switch 1 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120005RV4	1			CR0120005GV4	1		
O OFF	11 114	S1	16A	CR0160005RV4	1			CR0160005GV4	1		
1 2	U U1 	31	20A	CR0200005RV4	1			CR0200005GV4	1		
1 2	اه		25A	CR0260005RV4	1						
0005	ļ		25A			CR0250005RV6	1			CR0250005GV6	1
0005	 R/L1	S2	32A								
	IVL1	52	40A								
			50A								





■ Change-over switch 2 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120006RV4	1			CR0120006GV4	1		
0 0FF	U U1 V V1	S1	16A	CR0160006RV4	1			CR0160006GV4	1		
1 2	ÌΪÌΪ	31	20A	CR0200006RV4	1			CR0200006GV4	1		
0006			25A	CR0260006RV4	1						
		S2	25A			CR0250006RV6	1			CR0250006GV6	1
			32A			CR0320006RV6	1			CR0320006GV6	1
	1001 0/02	32	40A			CR0400006RV6	1			CR0400006GV6	1
			50A								

■ Change-over switch 3 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120007RV4	1			CR0120007GV4	1		
0 0FF	U U1 V V1 W W1	S1	16A	CR0160007RV4	1			CR0160007GV4	1		
1 2	i i i i i i	- 51	20A	CR0200007RV4	1			CR0200007GV4	1		
			25A	CR0260007RV4	1						
			25A			CR0250007RV6	1			CR0250007GV6	1
0007		S2	32A			CR0320007RV6	1			CR0320007GV6	1
	1021 0/22 1/20	32	40A			CR0400007RV6	1			CR0400007GV6	1
			50A								

■ Change-over switch 4 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120039RV4	1			CR0120039GV4	1		
O OFF	U U1 V V1 W W1 N N1	S1	16A	CR0160039RV4	1			CR0160039GV4	1		
1 2		31	20A	CR0200039RV4	1			CR0200039GV4	1		
1			25A	CR0260039RV4	1						
0000			25A			CR0250039RV6	1			CR0250039GV6	1
0039		S2	32A			CR0320039RV6	1			CR0320039GV6	1
	THE OLE ITED IN	32	40A			CR0400039RV6	1			CR0400039GV6	1
			50A								



■ Reversing switch 3 pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120008RV4	1			CR0120008GV4	1		
O OFF	D S T	S1	16A	CR0160008RV4	1			CR0160008GV4	1		
1 2		31	20A	CR0200008RV4	1			CR0200008GV4	1		
'()2			25A	CR0260008RV4	1						
0000		S2	25A			CR0250008RV6	1			CR0250008GV6	1
8000			32A			CR0320008RV6	1			CR0320008GV6	1
	0 v w	32	40A			CR0400008RV6	1			CR0400008GV6	1
			50A								

■ Reversing switch 3 pole with spring return to "off"

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120036RV4	1			CR0120036GV4	1		
∕ •0 <u></u> ◆	T S B	S1	16A	CR0160036RV4	1			CR0160036GV4	1		
0036		51	20A	CR0200036RV4	1			CR0200036GV4	1		
			25A	CR0260036RV4	1						
	l l l l l l l l l l l l l l l l l l l	22	25A			CR0250036RV6	1			CR0250036GV6	1
			32A								
		52	40A								
			50A								

■ Changing switch Dahlander pole

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120009RV4	1			CR0120009GV4	1		
O OFF		S1	16A	CR0160009RV4	1			CR0160009GV4	1		
1 2	W 3 R S	31	20A	CR0200009RV4	1			CR0200009GV4	1		
0009			25A	CR0260009RV4	1						
		 S2	25A			CR0250009RV6	1			CR0250009GV6	1
			32A			CR0320009RV6	1			CR0320009GV6	1
		32	40A			CR0400009RV6	1			CR0400009GV6	1
			50A								





■ STAR-DELTA Starter

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120010RV4	1			CR0120010GV4	1		
O OFF		S1	16A	CR0160010RV4	1			CR0160010GV4	1		
0010		51	20A	CR0200010RV4	1			CR0200010GV4	1		
			25A	CR0260010RV4	1						
		S2	25A			CR0250010RV6	1			CR0250010GV6	1
			32A			CR0320010RV6	1			CR0320010GV6	1
		32	40A			CR0400010RV6	1			CR0400010GV6	1
			50A								

■ Reversing switch pole changing

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR0120011RV4	1			CR0120011GV4	1		
O OFF		S1	16A	CR0160011RV4	1			CR0160011GV4	1		
0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T S W V 2 3 R	31	20A	CR0200011RV4	1			CR0200011GV4	1		
			25A	CR0260011RV4	1						
			25A			CR0250011RV	6 1			CR0250011GV6	1
	1 0	S2	32A								
			40A								
			50A								

■ Switch single phase motor + aux phase

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120031RV4	1			CR0120031GV4	1		
O OFF 1	R S	S1	16A	CR0160031RV4	1			CR0160031GV4	1		
ON 1		31	20A	CR0200031RV4	1			CR0200031GV4	1		
START			25A	CR0260031RV4	1						
0001			25A			CR0250031RV6	5 1			CR0250031GV6	1
0031		S2	32A								
	A U V	32	40A								
			50A								



■ Reversing switch single-phase motor + aux phase

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120032RV4	1			CR0120032GV4	1		
0 0 11 = 2 }		S1	16A	CR0160032RV4	1			CR0160032GV4	1		
START START		51	20A								
RT6-GT6			25A	CR0260032RV4	1						
		S2 -	25A			CR0250032RV6	3 1			CR0250032GV6	1
0032			32A								
			40A								
			50A								

■ Reversing switch single-phase motor + centrif.

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR0120034RV4	1			CR0120034GV4	1		
O OFF		S1	16A	CR0160034RV4	1			CR0160034GV4	1		
1 0034		51	20A	CR0200034RV4	1			CR0200034GV4	1		
			25A	CR0260034RV4	1						
		 S2	25A			CR0250034RV6	1			CR0250034GV6	1
			32A								
		52	40A								
			50A								

■ Voltmeter switch 3 concatenated voltages

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR0120016RV4	1			CR0120016GV4	1		ì
L2-L3	1 5 7	S1	16A								
L1-L2 L3-L1		31	20A								
O OFF			25A								
0040		S2 -	25A								
0016	2 4		32A								
	۷ 4		40A								
			50A								





■ Voltmeter switch 3 concatenated voltages and 3 phase voltages

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR0120018RV4	1			CR0120018GV4	1		
0		S1	16A								
0 0FF L1-L2 L1-N		51	20A								
L2-L3 L2-N L3-L1			25A								
		 S2	25A								
0018			32A								
		32	40A								
			50A								

■ Ammeter switch 1 pole 3 current transformers

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	eank
			12A	CR0120022RV4	1			CR0120022GV4	1		
O OFF	0 11	S1	16A								
		51	20A								
³ (1)1 0022			25A								
		S2	25A								
			32A								
		52	40A								
			50A								

■ Multi step switch with off 1 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012MZ13RV4	1			CR012MZ13GV4	1		
O OFF	1 2 3	S1	16A	CR016MZ13RV4	1			CR016MZ13GV4	1		
1	2 3	31	20A	CR020MZ13RV4	1			CR020MZ13GV4	1		
)2 3 N/712			25A	CR026MZ13RV4	1						
			25A			CR025MZ13RV	6 1			CR025MZ13GV6	1
MZ13	 L1/R	S2	32A								
	Lim	32	40A								
			50A								



■ Multi step switch with off 1 pole 4 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012MZ14RV4	1			CR012MZ14GV4	- 1		
O OFF		01	16A	CR016MZ14RV4	1			CR016MZ14GV4	1		
1	1 2 3 4	S1	20A								
MZ14			25A								
		S2 -	25A								
			32A								
			40A								
			50A								

■ Multi step switch with off 2 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012MZ23RV4	1			CR012MZ23GV4	1		
O OFF		S1	16A	CR016MZ23RV4	1			CR016MZ23GV4	1		
MZ23	1 2 3 4 1 2 3 4 1 2 1 4 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	51	20A	CR020MZ23RV4	1			CR020MZ23GV4	1		
			25A	CR026MZ23RV4	1						
		S2	25A			CR025MZ23RV	6 1			CR025MZ23GV6	1
			32A								
		52	40A								
			50A								

■ Multi step switch with off 2 pole 4 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012MZ24RV4	1			CR012MZ24GV	4 1		
O OFF		S1	16A	CR016MZ24RV4	1			CR016MZ24GV	4 1		
1	1234 1234	51	20A								
MZ24	LIR LZS		25A								
		S2	25A								
			32A								
			40A								
			50A								





■ Multi step switch with off 3 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012MZ33RV4	1			CR012MZ33GV4	1		
O OFF		S1	16A	CR016MZ33RV4	1			CR016MZ33GV4	1		
	1 2 3 1 2 3	51	20A								
2			25A								
-		S2 -	25A								
MZ33			32A								
			40A								
			50A								

■ Multi step switch without off 1 pole 3 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012M013RV4	. 1			CR012M013GV4	1		
	4 0 0	C1	16A	CR016M013RV4	. 1			CR016M013GV4	1		
2		S1	20A								
3			25A								
14040		S2 -	25A								
M013			32A								
			40A								
			50A								



■ Multi step switch without off 1 pole 4 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012M014RV4	1 1			CR012M014GV4	1		
_		01	16A	CR016M014RV4	1			CR016M014GV4	1		
2	1 2 3 4	S1	20A								
3			25A								
4		S2 -	25A								
M014			32A								
			40A								
			50A								

■ Multi step switch without off 1 pole 5 steps

	Circuit diagram	Size	l _e	Part no.	Pack	Part no.	Pack	Part no.	Pack	Part no.	Pack
			12A	CR012M015RV4	1			CR012M015GV4	1		
1,		C1	16A	CR016M015RV4	1			CR016M015GV4	1		
3	1 2 3 4 5	S1	20A								
5 4			25A								
-		S2 -	25A								
M015			32A								
		52	40A								
			50A								





■ ON-OFF switch 3 pole with padlockable handle

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR01200G3RL6S	1	CR01200G3RK6S	1	CR01200G3BL6S	1	CR01200G3BK6S	1
O OFF	1 0 5	1 3 5 S1	16A	CR01600G3RL6S	1	CR01600G3RK6S	1	CR01600G3BL6S	1	CR01600G3BK6S	1
1	3 5		20A	CR02000G3RL6S	1	CR02000G3RK6S	1	CR02000G3BL6S	1	CR02000G3BK6S	1
ÓN	\° \° \°		25A	CR02600G3RL6S	1	CR02600G3RK6S	1	CR02600G3BL6S	1	CR02600G3BK6S	1
0000			25A	CR02500G3RL6S	1	CR02500G3RK6S	1	CR02500G3BL6S	1	CR02500G3BK6S	1
00G3		S2	32A	CR03200G3RL6S	1	CR03200G3RK6S	1	CR03200G3BL6S	1	CR03200G3BK6S	1
	2 4 0	32	40A	CR04000G3RL6S	1	CR04000G3RK6S	1	CR04000G3BL6S	1	CR04000G3BK6S	1
			50A								

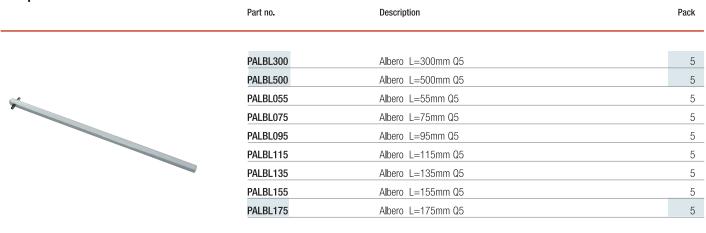
■ ON-OFF switch 4 pole with padlockable handle

	Circuit diagram	Size	l _e	Part no.	Pack						
			12A	CR01200G4RL6S	1	CR01200G4RK6S	3 1	CR01200G4BL6S	1	CR01200G4BK6S	1
O OFF	1 0 5 7	1 3 5 7 S1	16A	CR01600G4RL6S	1	CR01600G4RK6S	3 1	CR01600G4BL6S	1	CR01600G4BK6S	1
1				20A	CR02000G4RL6S	1	CR02000G4RK6S	3 1	CR02000G4BL6S	1	CR02000G4BK6S
ÓN	\° \° \° \°		25A	CR02600G4RL6S	1	CR02600G4RK6S	3 1	CR02600G4BL6S	1	CR02600G4BK6S	1
0004			25A	CR02500G4RL6S	1	CR02500G4RK6S	3 1	CR02500G4BL6S	1	CR02500G4BK6S	1
00G4		S2	32A	CR03200G4RL6S	1	CR03200G4RK6S	3 1	CR03200G4BL6S	1	CR03200G4BK6S	1
	2 4 0 0	32	40A	CR04000G4RL6S	1	CR04000G4RK6S	3 1	CR04000G4BL6S	1	CR04000G4BK6S	1
			50A								

^{*} Fixing 36mm by 4 screws

^{**} Fixing 48mm by 4 screws and fixing adapter (included in the package)

■ Optional shafts



■ Flexible PVC protections IP40

IP40 PVC protections against dust and dirt are available on request.

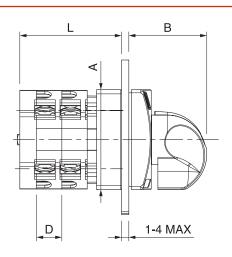


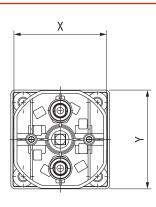


CR 012...051 series - Dimensions

■ Rear mounting

(RT - RY - RL6 - RK6 - RR0) - Measures in mm (in)



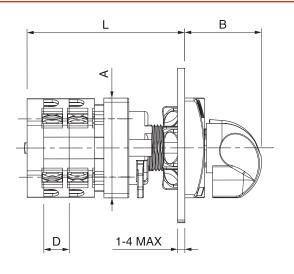


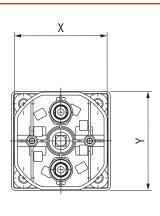
Series	v	v	Α	D				no. of	stages		
361163	^	'	Α	U		1	2	3	4	5	6
CA 012-016-	45	47,5	□ 48	12,2		36,7	49	61,1	73,3	85,5	97,7
020-026	(1.77")	(1.87")	(□1.89")	(0.48")	_	(1.44")	(1.93")	(2.41")	(2.89")	(3.37")	(3.85")
CR 025-032-	53	62	□ 60	16,2		42,7	58,9	75,1	91,3	107,5	123,7
040-051	(2.09")	(2.44")	(_2.36")	(0.64")	_	(1.68")	(2.32")	(2.96")	(3.59")	(4.23")	(4.87")

Handle	В
RV4-RW4	31 (1,22")
RV6-RW6	36 (1,42")
RT4-RY4	37 (1.46")
RT6-RY6	39 (1.54")
RL6-RK6	39 (1.54")
RR0	34 (1.34")

■ Rear mounting

(GT - GY - GL6 - GK6 - GR0) - Measures in mm (in)





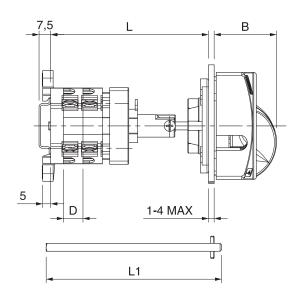
Series	v	v	Α	D				no. of	stages		
Series	^	'	^			1	2	3	4	5	6
CA 012-016-	45	47,5	□48	12,2	,	63,5	76	88,2	100,5	112,6	124,8
020-026	(1.77")	(1.87")	(□1.89")	(0.48")		(2.50")	(2.99")	(3.47")	(3.96")	(4.43")	(4.91")
CR 025-032-	53	62	□60	16,2		69,8	86	102	118,5	135	151
040-051	(2.09")	(2.44")	(□2.36")	(0.64")		(2.75")	(3.39")	(4.02")	(4.67")	(5.31")	(5.94")

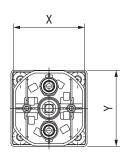
Handle	В
GV4-GW4	31 (1,22")
GV6-GW6	36 (1,42")
GT4-GY4	37 (1.46")
GT6-GY6	39 (1.54")
GL6-GK6	39 (1.54")
GR0	38 (1.50")

■ Base mounting

Switching angle 90°, padlockable (max 3 padlocks)

(BT - BY - BL6 - BK6) - Measures in mm (in)





Handle	В
BL6-BK6	39 (1.54")
BT4L-BY4L	40 (1.57")
BT6L-BY6L	40 (1.57")

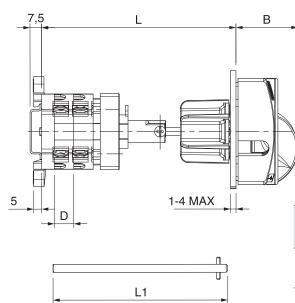
		ne	o. of stages	2		
	X Y D		L1	L		
					Lmin	Lmax
CA 012-016- 020-026	45 (1.77")	47,5 (1.87")	12,2 (0.48")	175 (6.89") * 300 (11.81") 500 (19.69")	99 (3.90") 99 (3.90") 99 (3.90")	243 (9.57") 368 (14.49") 568 (22.36")
CR 025-032- 040-051	53 (2.09")	62 (2.44")	16,2 (0.64")	175 (6.89") * 300 (11.81") 500 (19.69")	109 (4.29") 109 (4.29") 109 (4.29")	253 (9.96") 378 (14.88") 578 (22.76")

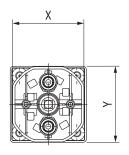
Overall length (min-max)** for different shaft lengths (L1)

■ Base mounting

Switching angle 90°, padlockable (max 3 padlocks)

(HT - HY - HL6 - HK6) - Measures in mm (in)





Handle	В
HL6-HK6	39 (1.54")
GT4L-GY4L	40 (1.57")
GT6L-GY6L	40 (1.57")

		110	J. OI Stayes	•	4			
	Х	Υ	D	L1	L			
					Lmin	Lmax		
CA 012-016- 020-026	45 (1.77")	47,5 (1.87")	12,2 (0.48")	175 (6.89") * 300 (11.81") 500 (19.69")	111 (4.37") 111 (4.37") 111 (4.37")	255 (10.04") 380 (14.96") 580 (22.83")		
CR 025-032- 040-051	53 (2.09")	62 (2.44")	16,2 (0.64")	175 (6.89") * 300 (11.81") 500 (19.69")	121 (4.76") 121 (4.76") 121 (4.76")	265 (10.43") 390 (15.35") 590 (23.23")		

Overall length (min-max)** for different shaft lengths (L1)

^{*} Standard shaft, bundled

^{**} Minimum length is obtainable by cutting the shaft

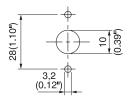
^{*} Standard shaft, bundled ** Minimum length is obtainable by cutting the shaft



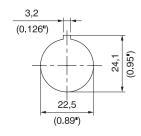
CR 012...051 series - Drilling templates

■ Rear mounting

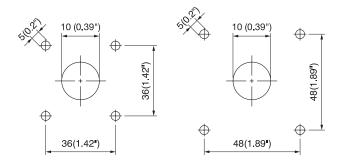
(RT - RY - RL6 - RK6 - RR0) - Measures in mm (in)



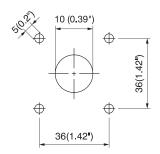
(GT - GY - GV - GW - GL - GK - GR0)



(RV6/RV6-T - RW6/RW6-T - RL6S - RK6S)



(RV4/RV4-T - RW4/RW4-T)



Base mounting

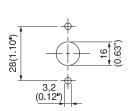
(BT - BY - BV - BW - BL - BK) - Measures in mm (in)

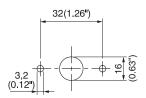
Escutcheon plate mounting options:

- 1) 2 holes with vertical distance 28mm (1.10")
- 2) 2 holes with horizontal distance 32mm (1.26")

Switch mounting options:

- 1) 2 holes with distance 58mm (2.28") 72mm (2.83")
- 2) snap mount on DIN 46277/3 rail

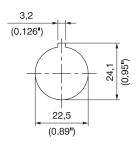






(HT - HY - HV - HW - HL - HK)

Escutcheon plate



Switch mounting options:

- 1) 2 holes with distance 58mm (2.28") 72mm (2.83")
- 2) snap mount on DIN 46277/3 rail



