

SERIES 1930 - DOUBLE-POLE ROCKER SWITCHES IP 65

TO 20 (4) A 250 V AC



PRODUCT FEATURES

- ◆ Illuminated and non-illuminated variants with various switching functions
- ◆ IP 65 with integrated gasket for high dust and water protection
- ◆ Inrush currents (capacitive) up to 120 A
- ◆ Approval for 400 V
- ◆ 100 million times proven switching principle
- ◆ Modern rocker design
- ◆ High, flexible variety

ON REQUEST


- ◆ Other connection types
- ◆ Other colors
- ◆ Other printing variants
- ◆ Other lamp variants
- ◆ With V-0 material
- ◆ Cable assembly

Mechanical life endurance	5E4
Operating force	3 - 8 N
Inrush current (capacitive)	120 A 100 A (basic types 1934 and 1939)
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Voltage strength at 250 V	1 500 V function insulation / basic insulation 3 000 V reinforced insulation 500 V small contact distance
Proof tracking	250 PTI
Insulation spacing	acc. to EN 61058 for reinforced or double insulation
Protection type	IP 65 (recessed installation)
Ambient temperature	connection side -20 °C ... +105 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2 and UL 94 V-0 (product-dependent)
Heat and fire resistance	850 °C (category D)
Material	actuator hard components of PC / soft components of TPE (bellows) housing PA connections silver-plated
Plug force of the terminals	≤ 80 N
Approval marks	
Suitable for appliances of protection class II	



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		ON/OFF switch (DPST)								Normally open contact (DPNO)		ON/OFF switch (DPST)							
		1935.3135	1935.3137	1935.3112	1935.3113	1935.3114	1935.3118	1935.3119	1935.3129	1935.3218	1935.3134	1935.3128	1935.3131	1935.3133	1932.1112				
Voltage lamp in V		400	400	250	250	250	250	250	250	250	125 - 250	125	125	24					
Actuator color / printing																			
Housing color		Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black				
20 (4) A 250 V AC 1E4		•	•	•	•	•	•	•	•		•	•	•		•				
12 (4) A 250 V AC 1E4																			
10 (8) A 400 V AC 5E4		•	•																
10 (8) A 250 V AC 5E4		•	•	•	•	•	•	•	•		•	•	•		•				
10 A 24 V DC														•					
6 (4) A 250 V AC 5E4																			
16 A 250 V AC 1 HP		•	•	•	•	•	•	•	•		•	•	•		•				
16 A 125 V AC 3/4 HP		•	•	•	•	•	•	•	•		•	•	•		•				
16 A 125 V AC 1/3 HP																			
15 A 125 V AC 3/4 HP																			
14 A 250 V AC 1 HP																			
14 A 250 V AC 3/4 HP																			
14 A 250 V AC 1/2 HP																			
14 A 125 V AC 1/3 HP																			
14 A 125 V AC 1/4 HP																			
12 A 250 V AC 1 HP																			
12 A 125 V AC 1/2 HP																			
Connection type																			
Connection description		6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.8				
Contact distance in mm		≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3				
Contact material		Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag				
Miscellaneous								bellows anthracite											
Stock version				•	•	•	•					•							

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

POWER TOOL SWITCHES

TACT AND KEY SWITCHES


SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS
















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 double-pole	ON/OFF switch (DPST)								Normally closed contact (DPNC)	Normally open contact (DPNO)		Switch (DPDT)	1934.3112	1934.3113	1934.3114
	1932.1113	1932.1114	1932.3112	1932.3113	1932.3114	1932.3118	1932.3412	1932.3418		1932.3312	1932.3413				
Voltage lamp in V															
Actuator color / printing															
Housing color															
20 (4) A 250 V AC 1E4	●	●	●	●	●	●	●	●							
12 (4) A 250 V AC 1E4															
10 (8) A 400 V AC 5E4															
10 (8) A 250 V AC 5E4	●	●	●	●	●	●	●	●					●	●	●
10 A 24 V DC															
6 (4) A 250 V AC 5E4															
16 A 250 V AC 1 HP	●	●	●	●	●	●	●	●							
16 A 125 V AC 3/4 HP	●	●	●	●	●	●	●	●							
16 A 125 V AC 1/3 HP															
15 A 125 V AC 3/4 HP							●								
14 A 250 V AC 1 HP															
14 A 250 V AC 3/4 HP															
14 A 250 V AC 1/2 HP															
14 A 125 V AC 1/3 HP															
14 A 125 V AC 1/4 HP															
12 A 250 V AC 1 HP													●	●	●
12 A 125 V AC 1/2 HP													●	●	●
Connection type															
Connection description	4.8	4.8	6.3	6.3	6.3	6.3	6.3	6.3	6.3		6.3		6.3	6.3	6.3
Contact distance in mm	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3		≥ 3		≥ 3	≥ 3	≥ 3
Contact material	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag		Ag		Ag	Ag	Ag
Miscellaneous								single-pole occupied							
Stock version			●										●		

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		Switch (DPDT)	1934.2114	Switch with OFF position in the center (DPDT - Center OFF)				Changeover switch (DPDT momentary)				1934.3213	
													
Voltage lamp in V													
Actuator color / printing													
Housing color													
20 (4) A 250 V AC 1E4													
12 (4) A 250 V AC 1E4				●	●	●	●						
10 (8) A 400 V AC 5E4													
10 (8) A 250 V AC 5E4													
10 A 24 V DC													
6 (4) A 250 V AC 5E4			●										
16 A 250 V AC 1 HP													
16 A 125 V AC 3/4 HP													
16 A 125 V AC 1/3 HP													
15 A 125 V AC 3/4 HP													
14 A 250 V AC 1 HP												●	
14 A 250 V AC 3/4 HP				●									
14 A 250 V AC 1/2 HP					●	●	●						
14 A 125 V AC 1/3 HP				●								●	
14 A 125 V AC 1/4 HP					●	●	●						
12 A 250 V AC 1 HP			●										
12 A 125 V AC 1/2 HP			●										
Connection type													
Connection description				6.3	6.3	6.3	6.3	6.3				6.3	
Contact distance in mm			≥ 3	≥ 3	< 3	< 3	< 3	< 3	< 3			≥ 3	
Contact material			Ag	Ag	Ag	Ag	Ag	Au				Ag	
Miscellaneous					momentary function both sides	momentary function both sides	momentary function both sides	single-pole occupied momentary function both sides					
Stock version				●	●								

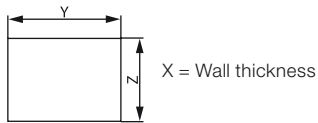
- ROCKER SWITCHES
- PUSHBUTTON SWITCHES
- TOGGLE SWITCHES
- SLIDE SWITCHES
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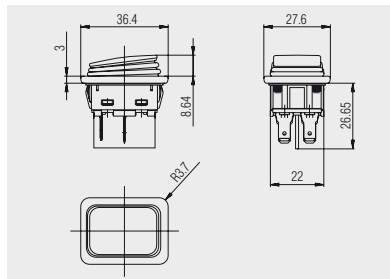
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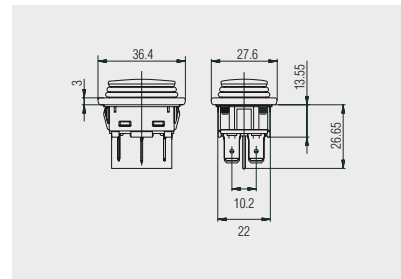
Basic types 1932, 1934, 1935 and 1939 double-pole



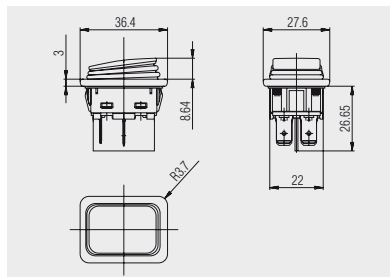
X	Y	Z
0.75 ... 1.25	30 ^{-0.1}	22 ^{+0.2}
1.25 ... 3.0	30.2 ^{-0.1}	22 ^{+0.2}



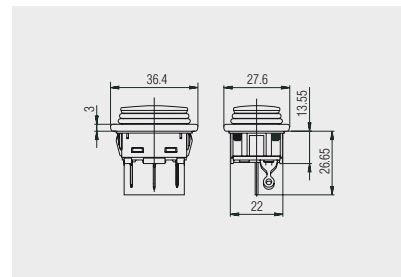
Quick-connect terminal 4.8 basic type 1932



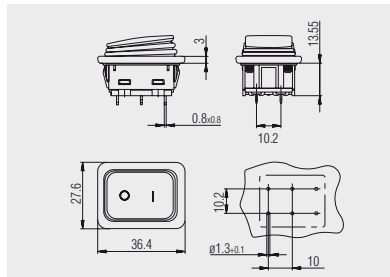
Quick-connect terminal 6.3 basic type 1939



Quick-connect terminal 6.3 basic types 1932, 1934 and 1935



Solder terminal basic type 1939



PCB terminal basic type 1934

Further information under

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