

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 current (capacitive) up to 120 A
- ◆ Approval for 400 V
- ◆ 100 million times proven switching principle
- ◆ Modern rocker design
- ◆ High, flexible variety

ON REQUEST


- ◆ Other switching functions (e.g. Changeover switch)
- ◆ Other terminal types
- ◆ Other colors (e.g. red)
- ◆ Other printing variants
- ◆ Other lamp variants
- ◆ Cable assembly

Mechanical life endurance	5E4
Operating force	3 - 8 N
Inrush current (capacitive)	120 A 100 A (basic type 1939) 50 A (basic type 1934)
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 65 (recessed installation)
Ambient temperature	terminal side -30 °C ... +105 °C actuating side -30 °C ... +55 °C
Flammability	UL 94 V-2 UL 94 V-0 (housing and socket only)
Glow wire test temperature	850 °C
Material	actuator PC / TPU (bellows) housing PA terminals silver plated
Plug force of the terminals	≤ 80 N
Approval marks	 /  / 
Suitable for appliances of protection class II	



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<div style="text-align: center;">  <p>double-pole</p> </div>	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	1935.3138			
Lighting voltage in V	400	400	250	250	250	250	250	250	250	125 -250	125	125	24	12			
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													•				
10 A 12 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												•					
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																	
Terminal type																	
Terminal 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	6.3			
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			
EN 60335 cap. 30 conform "G"																	
Miscellaneous								bellow anthracite									
Stock version			•	•	•	•											

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT 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)
	1932.1113	1932.3112	1932.3113	1932.3114	1932.3116	1932.3118	1932.3130	1932.3131	1932.3132	1932.3412	1932.3312	1932.3314	1932.3413
Lighting voltage in V													
Actuator color / printing	Black	Black with 'I'	Black	Red	Yellow	Green	Black	White	Black with 'I'	Black with 'I'	Black	Red	Black
Housing color	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													
10 A 12 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							•						
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													
Terminal type													
Terminal description	4.8	6.3	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
EN 60335 cap. 30 conform "G"							•	•	•	•			
Miscellaneous									single-pole occupied				
Stock version						•							•

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












SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

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 double-pole	Changeover switch (DPDT)	1934.3112	1934.3114	1934.2114	Changeover switch with OFF position in the center (DPDT - Center OFF)	1939.3119	1939.3312	1939.3314	1939.3318	1939.0454
		Lighting voltage 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										
10 A 12 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										
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		•	•	•						
Terminal type										
Terminal 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	Ag	Ag	Au
EN 60335 cap. 30 conform "G"										
Miscellaneous							momentary function both sides	momentary function both sides	momentary function both sides	single-pole occupied momentary function both sides
Stock version										

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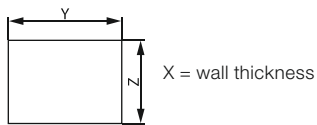
SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

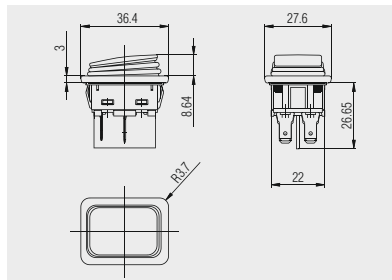
SENSORS



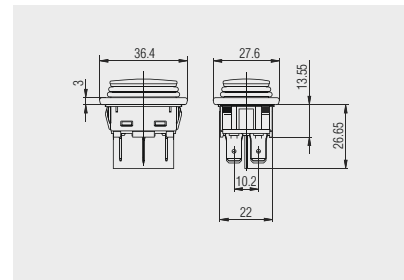
Basic types 1932, 1934, 1935 and 1939 double-pole



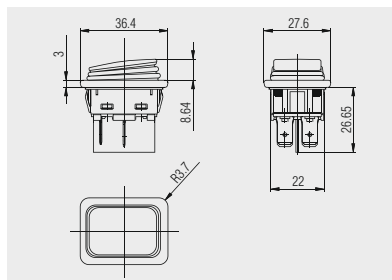
X	Y	Z
0.75 ... 1.25	30 ^{-0.1}	22 ^{+0.2}
1.25 ... 3	30.2 ^{-0.1}	22 ^{+0.2}



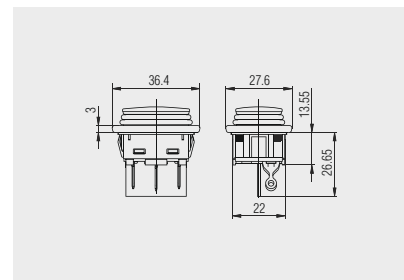
Quick-connect terminal 4.8 x 0.8 basic type 1932



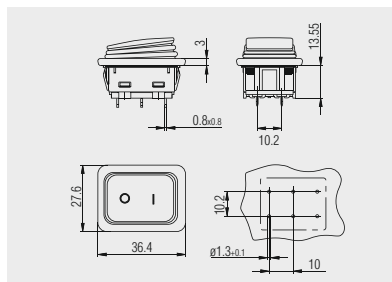
Quick-connect terminal 6.3 x 0.8 basic type 1939



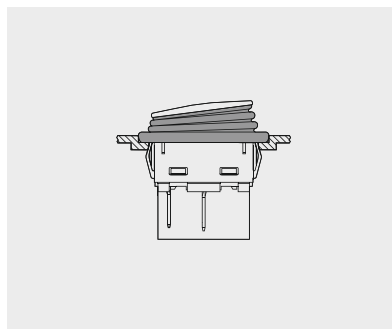
Quick-connect terminal 6.3 x 0.8 basic types 1932, 1934 and 1935



Solder terminal basic type 1939



PCB terminal basic type 1934



Sunken installation recommended for IP 65

A correct assembly and examination on tightness according to IP 65 in the equipment must be ensured by the customer.