

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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double-pole		ON / OFF switch (DPST)		1935.3135		1935.3137		1935.3112		1935.3113		1935.3114		1935.3118		1935.3119		1935.3129		Normally open contact (DPNO)		1935.3218		ON / OFF switch (DPST)		1935.3134		1935.3128		1935.3131		1935.3133		1935.3138	
				400	400	250	250	250	250	250	250	250	250	250	250	125-250	125	125	24			12													
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	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																																			
Stock version						●	●	●	●																										

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

SERIES 1930 - DOUBLE-POLE ROCKER SWITCHES IP 65

TO 20 (4) A 250 V AC

double-pole 	ON / OFF switch (DPST)										Normally closed contact (DPNC)		Normally open contact (DPNO)							
Lighting voltage in V	1932.1113		1932.3112		1932.3113		1932.3114		1932.3116		1932.3118		1932.3130		1932.3131		1932.3132		1932.3412	
Actuator color / printing																				
Housing color																			Normally closed contact (DPNC)	
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																				
Contact distance in mm																				
Contact material																				
EN 60335 cap. 30 conform "G"																				
Miscellaneous																				
Stock version																				

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TO 20 (4) A 250 V AC

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											

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

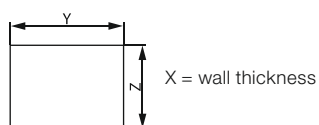
SENSORS

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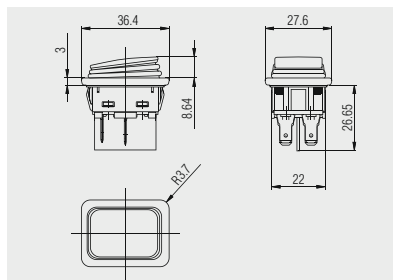
TO 20 (4) A 250 V AC



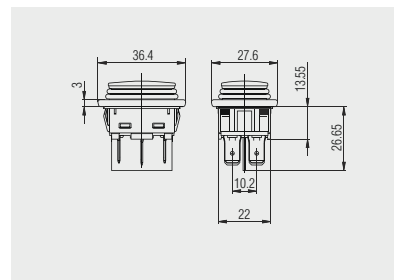
Basic types 1932, 1934, 1935
and 1939
double-pole



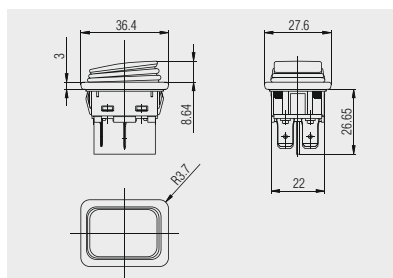
X	Y	Z
0.75 ... 1.25	30 ^{-0.1}	22 ^{+0.2}
1.25 ... 3	30.2 ^{-0.1}	22 ^{+0.2}



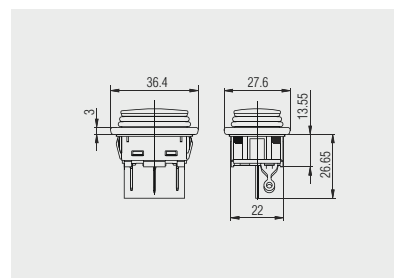
Quick-connect terminal 4.8 x 0.8
basic type 1932



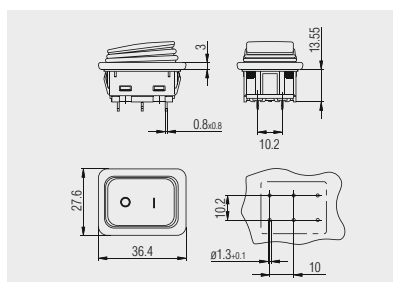
Quick-connect terminal 6.3 x 0.8
basic type 1939



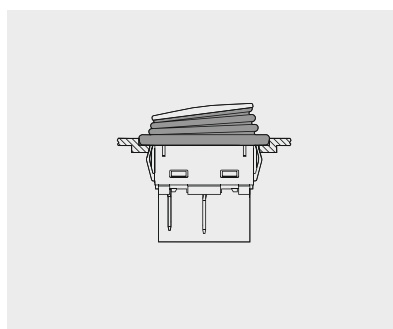
Quick-connect terminal 6.3 x 0.8
basic types 1932, 1934 and 1935



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.