



SERIES 1846 - SINGLE-POLE PUSHBUTTON SWITCHES

TO 2 (1) A 250 V AC



PRODUCT FEATURES

- Small, compact pushbutton switch
- Long life endurance with 500 000 mechanical switching cycles
- Special design for dust and water protection

ON REQUEST

















- Other colors
- With printing
- Other terminal variants
- Cable assembly


Mechanical life endurance	50E4
Operating force	approx. 1 N ≤ 4.0 N (1846.0204)
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 40
Ambient temperature	terminal side -20 °C ... +85 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2
Glow wire test temperature	850 °C
Material actuator housing terminals	PA PA silver plated / tinned
Bearing terminal	silver plated tinned
Plug force of the terminals	≤ 80 N
Approval marks	
Suitable for appliances of protection class II	



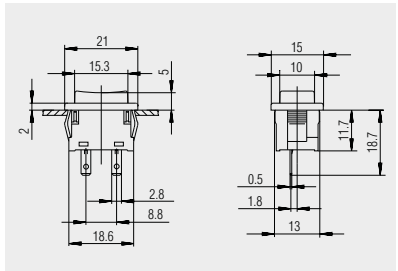
SERIES 1846 - SINGLE-POLE PUSHBUTTON SWITCHES


TO 2 (1) A 250 V AC

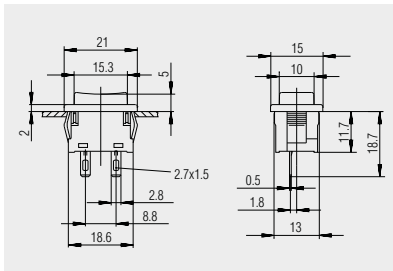
 single-pole	Actuator color / printing	Housing color	2 (1) A 250 V AC 5E4	30 mA 12 V DC 5E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
	Normally open contact (SPNO)									
1846.0201			○			< 3	Ag			○
1846.2201			○			< 3	Ag			
1846.3201			○		2.8 x 0.5	< 3	Ag			○
1846.2251			○			< 3	Au	electrical life endurance: 500 000		
1846.0204						< 3	Ag	switch actuating force 4 N		




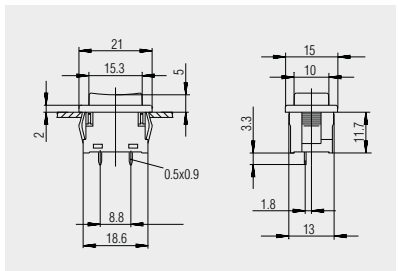
Basic type 1846




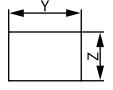
 Quick-connect terminal 2.8 x 0.5



 Solder terminal




 PCB terminal

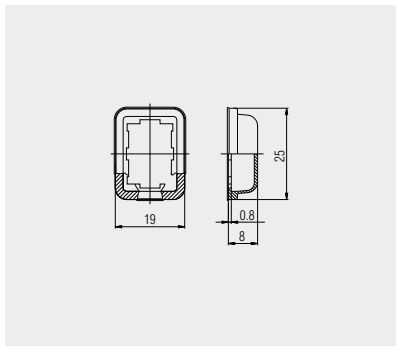


X = Wall thickness

x	y	z
0.75 ... 1.25	19.2 ^{-0.1}	12.9 ^{+0.1}
1.25 ... 2	19.4 ^{-0.1}	12.9 ^{+0.1}
2 ... 3	19.8 ^{-0.1}	12.9 ^{+0.1}



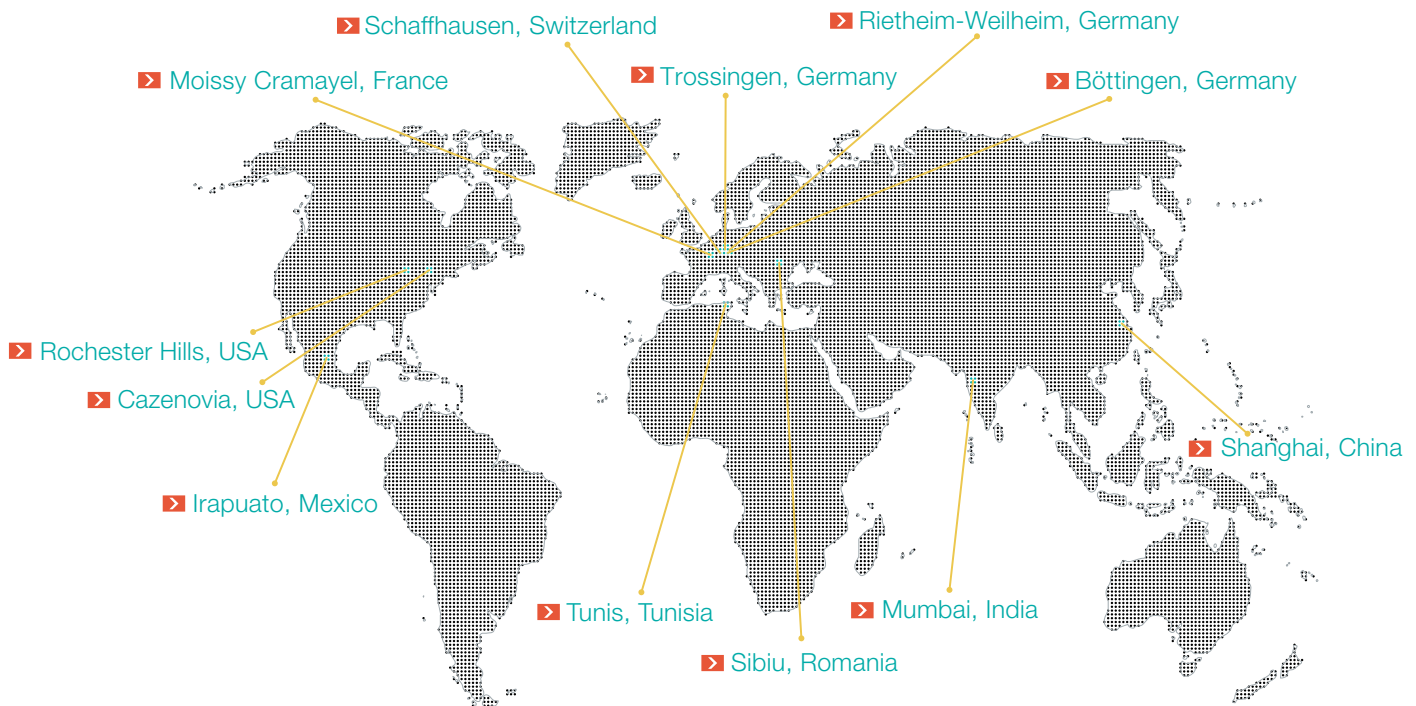
Protection cap
203.089.011



Transparent PVC-protection cap.
Serves as dust and water protection
for the actuating side.

ROTARY SWITCHES
 PUSHBUTTON SWITCHES
 TOGGLE SWITCHES
 SLIDE SWITCHES
 ROTARY SWITCHES
 FOOT SWITCHES
 TACT AND KEY SWITCHES
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 SENSORS
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MARQUARDT INTERNATIONAL.



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