



SERIES 5000 - ROUND PUSHBUTTON SWITCHES

FOR AT LEAST 200 000 MECHANICAL SWITCHING CYCLES



PRODUCT FEATURES

- Attractive, round pushbutton switch
- Efficient contact system at least 200 000 mechanical switching cycles
- Variants with sealing cap for IP 54 dust and water protection
- Appliance cut-out with diameter 16 mm, alternatively with fixing pin

ON REQUEST

- Other colors
- Actuator printing
- Snap-on for greater wall thickness
- Cable assembly

Mechanical life endurance	20E4
Proof tracking	250 PTI
Protection type	IP 40 IP 54 (in variants with sealing cap)
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 glass fiber-reinforced PA glass fiber-reinforced silver plated
Type of fastening	Snap fastening
Plug force of the terminals	≤ 64 N
Approval marks	 /  / 
Suitable for appliances of protection class II	



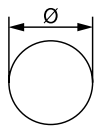
SERIES 5000 - ROUND PUSHBUTTON SWITCHES

FOR AT LEAST 200 000 MECHANICAL SWITCHING CYCLES

 single-pole	Actuator color / printing	Housing color	4 (2) A 250 V AC 5E4	4 A 125 V AC 1/10 HP	2 A 250 V AC 1/10 HP	Terminal type	Terminal description	Contact distance (mm)	Contact material	Pretravel max. (mm)	Total travel / stroke (mm)	Miscellaneous	Stock version
Normally open contact (SPNO)													
5000.0101							2.8	≥ 3	Ag	2.0 ± 0.4	4.0		
5000.0103							2.8	≥ 3	Ag	2.0 ± 0.4	4.0		
5000.0104							2.8	≥ 3	Ag	2.0 ± 0.4	4.0		
5000.0211							2.8	≥ 3	Ag	2.0 ± 0.4	4.0	fixing pin	
5000.0212							2.8	≥ 3	Ag	2.0 ± 0.4	4.0	fixing pin	
5000.0501							2.8	≥ 3	Ag	2.0 ± 0.4	4.0	fixing pin with IP 54 sealing cap	

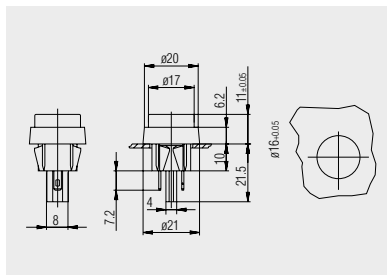


Basic type 5000

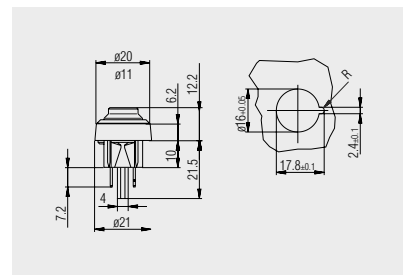


X = Wall thickness

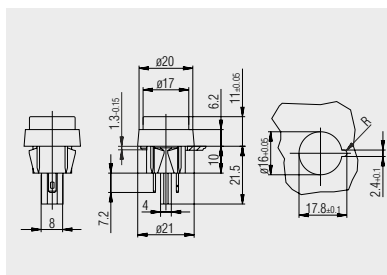
x	Ø
1.4 ... 1-7	16.0 ^{+0.05}



Quick-connect terminal 2.8 x 0.8



Quick-connect terminal 2.8 x 0.8
(with fixing pin and IP 54
sealing cap)
5000.0501



Quick-connect terminal 2.8 x 0.8
(with fixing pin)
5000.0211 and 5000.0212

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

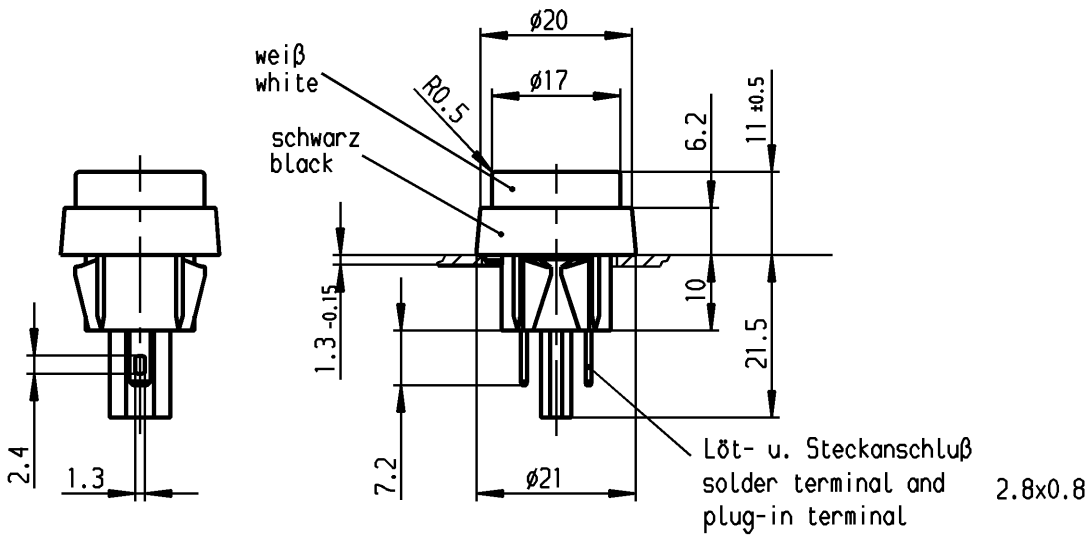
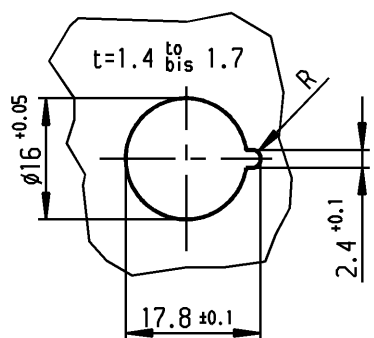
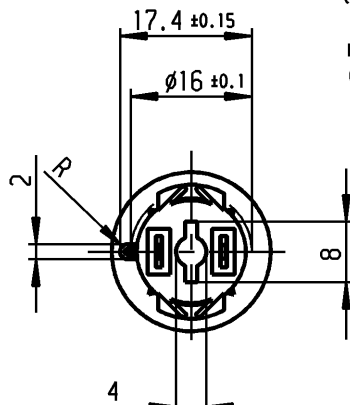
SENSORS

ECO

PUSH 'N' DRIVE

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Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestückungsseite)
 recommended cut-out for snap-in fixing (edge opposite to snap-in direction)



Aufschrift
 Marking

Ⓜ
 5000.
 4(2)/250~ 5E4 T85
 05
 4A 125V AC
 2A 250V AC
 1/10 HP 125-250V AC
 R3 Ⓢ Ⓡ

Schließer 1-polig
 SPNO

Für Geräte der Klasse II geeignet
 suitable for appliances of class II

Vorlaufweg 2±0.4
 pre-travel
 Gesamtweg 4±0.4
 total travel

Herstellort/-jahr/-woche
 nach DIN EN 60062
 code of manufacture:
 place/year/week
 acc. to DIN EN 60062

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Für Form und Lage FOR SHAPE AND LOC.		FÜR FORM UND LAGE		Allgemeintoleranzen UNTOLERANCED DIMENSIONS			Pause COPY	Blatt SHEET 01		Typ K	Zeichn./DRAWING NO. 5000.0212	Index
FÜR WINKEL FOR ANGLE ± 2°		FÜR WINKEL FOR ANGLE		PROJECTION	Abmasse und Nennmassbereiche Angaben in mm ALL DIMENSIONS ARE IN MILLIMETRES			Original DIN A4				
							Loengen LENGTH		Radien RADII		0 10 20 30 mm	
						0-6 ± 0.2 ± 0.2						
						>6-15 ± 0.3 ± 0.3				Geraeteschalter Appliance Switch		
						>15-30 ± 0.3 ± 0.3						
						>30-70 ± ±						
						>70-120 ± ±						
						>120-200 ± ±				MARQUARDT Marquardt, D-78604 Rietheim-Weilheim		
c	23669	12.01.96	Moo	g			CAD Medusa		Z	Ersatz für/REPLACEMENT OF Zeichng. gl. Nr. v. 25.08.82		
b				f	68405	28.04.10	gez./DRAWN BY 15.05.00 Mut					
a				e	32628	09.10.01	gepr./CHECKED BY mej					
				d	29580	15.05.00						
Ausg. ISSUE	Änderung REVISION	gez. DRAWN BY		Ausg. ISSUE	Änderung REVISION	gez. DRAWN BY						