SERIES 1890 - SINGLE-POLE ROCKER SWITCHES ILLUMINATED WITH LED

TO 6 A 24 V DC



PRODUCT FEATURES

- Illuminated with LED
- High mechanical life endurance

ON REQUEST

- Other colors
- Printing
- Other terminal types
- Variant for mains application

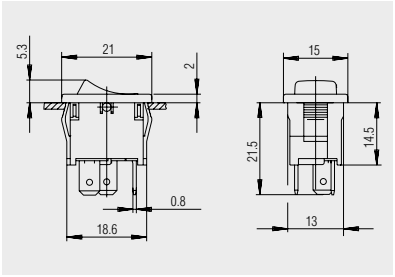
Mechanical life endurance	75E3
Operating force	3 N
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 40
Ambient temperature	terminal side -20 °C ... +100 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 (actuator: V-2, housing: V-0)
Glow wire test temperature	850 °C
Material actuator housing terminals	PA PA silver plated
Plug force of the terminals	≤ 80 N
Suitable for appliances of protection class II	

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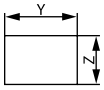
single-pole	Lighting voltage (V)	Actuator color / printing	Housing color	6 A 24 V DC	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
ON / OFF switch (SPST)										
1890.1104	24			O		4.8	≥ 3	Ag		





Basic type 1890

Quick-connect terminal 4.8 x 0.8

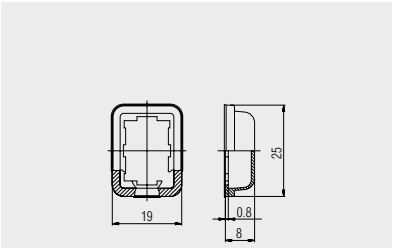


X = Wall thickness

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 $^{+0.1}$



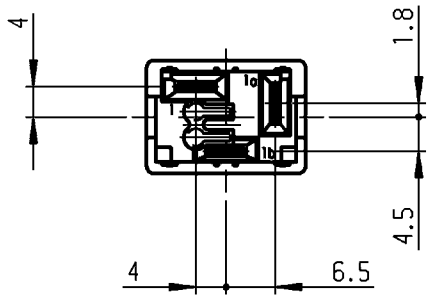
Protection cap
203.089.011

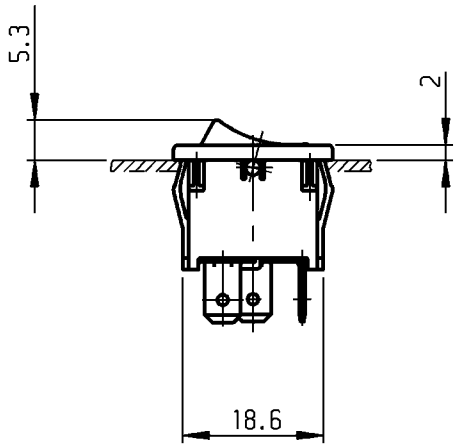


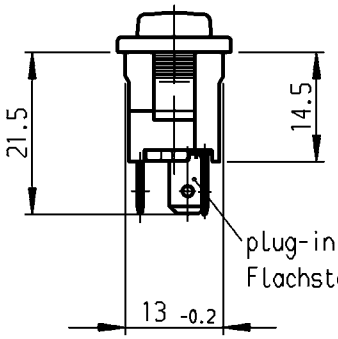
Transparent PVC-protection cap.
Serves as dust and water protection of the actuation side.

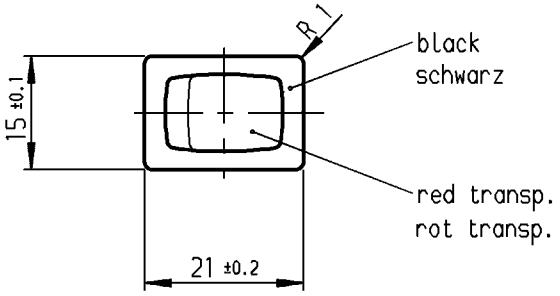
recommended cut-out for snap-in fixing (edge opposite to snap-in direction)
Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestückungsseite)

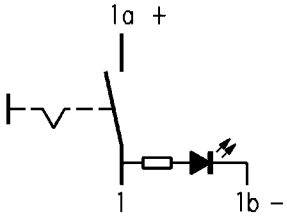
wall-thickness Wanddicke			Length of cut-out Ausschnittlänge	width of cut-out Ausschnittbreite
0.75	to bis	1.25	$19.2_{-0.1}$	$12.9^{+0.1}$
1.25	to bis	2	$19.4_{-0.1}$	$12.9^{+0.1}$
2	to bis	3	$19.8_{-0.1}$	$12.9^{+0.1}$





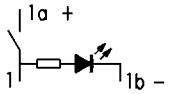






Marking
Aufschrift

Ⓜ
1890.
24V 6A ⎓



Herstelljahr/-monat nach DIN IEC 62

SPST
LED with R_V for 24V ⎓

Ausschalter 1-polig
Leuchtdiode mit R_V für 24V ⎓

R_V = 2.2KΩ ±20%

Allgemeintoleranzen/UNTOLERANCED DIMENSIONS			
Für Längen und Radien FOR LENGTHS AND RADII. ±	Abmaße in mm für Nennmaßbereich in mm ALL DIMENSIONS ARE IN MILLIMETRES		
	bis/UP TO 6	über/OVER 6 bis/UP TO 30	über/OVER 30
	0.2	0.4	

PROJECTION

Pause COPY | Blatt SHEET | von OF

Original DIN A4 | Maßstab SCALE 1:1

0 10 20 30 mm

d			i		
c			h		
b			g		
a	23763	17.01.96 Hs	f		
			e		
Ausg. ISSUE	Änderung REVISION	gez. DRAWN BY	Ausg. ISSUE	Änderung REVISION	gez. DRAWN BY

gez./DRAWN BY 06.06.95 Hs
gepr./CHECKED BY Kiz

Ersatz für/REPLACEMENT OF

S | Zeichn./DRAWING NO. 1890.1104

Appliance Switch
Geräteschalter

MARQUARDT
Marquardt GmbH, D-78604 Rietheim-Weilheim

Schutzvermerk nach DIN 34 beachten
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