



SERIES 1900 - SMALLEST SINGLE-POLE ROCKER SWITCHES

TO 6 (2) A 250 V AC



PRODUCT FEATURES

- Reliable leaf spring contact system with contact spacing ≥ 3 mm
- Attractive, slim design
- Three sizes
- Low space requirement due to small sizes

ON REQUEST

- Other colors
- Other printing variants
- Cable assembly

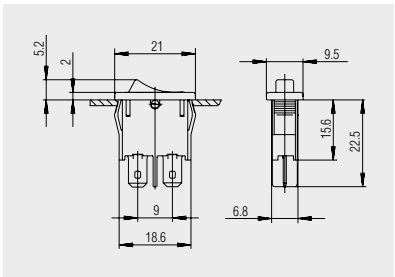
Mechanical life endurance	75E3
Operating force	2 - 5 N
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 40
Ambient temperature	terminal side -20 °C ... +85 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2
Glow wire test temperature	850 °C
Material actuator housing terminals	PA PA silver plated
Plug force of the terminals	≤ 80 N
Approval marks	 /  / 
Suitable for appliances of protection class II	



SERIES 1900 - SMALLEST SINGLE-POLE ROCKER SWITCHES

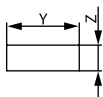
TO 6 (2) A 250 V AC

 single-pole	Actuator color / printing	Housing color	6 (2) A 250 V AC 1E4	4 (1) A 250 V AC 5E4	30 mA 12 V DC 5E4	6 A 125 - 250 V AC 1/8 HP	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
ON / OFF switch (SPST)												
1901.1102								4.8	≥ 3	Ag		
1901.1103								4.8	≥ 3	Ag		
1901.1106								4.8	≥ 3	Ag	rocker marking silver	
1911.1102								4.8	≥ 3	Ag		
1911.1104								4.8	≥ 3	Ag		
1921.1101								4.8	≥ 3	Ag		
1921.1102								4.8	≥ 3	Ag		
1901.1152								4.8	≥ 3	Au		



Basic type 1901
single-pole

 Quick-connect terminal 4.8 x 0.8



X = Wall thickness

x	y	z
0.75 ... 1.25	19.2 ^{+0.1}	6.8 ^{+0.1}
1.25 ... 2	19.4 ^{+0.1}	6.8 ^{+0.1}
2 ... 3	19.8 ^{+0.1}	6.8 ^{+0.1}

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

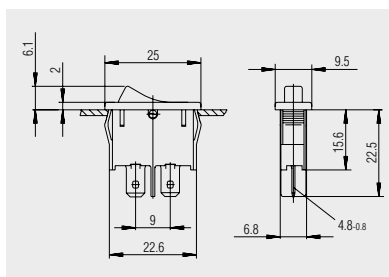
ECO

PUSH 'N' DRIVE



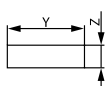
SERIES 1900 - SMALLEST SINGLE-POLE ROCKER SWITCHES

TO 6 (2) A 250 V AC



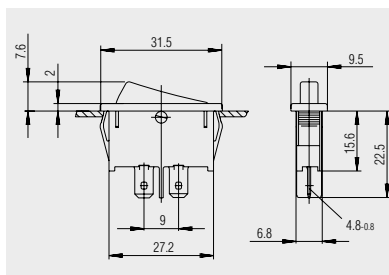
Basic type 1911
single-pole

 Quick-connect terminal 4.8 x 0.8



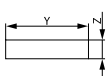
X = Wall thickness

x	y	z
0.75 ... 1.25	23.2 ^{-0.1}	6.8 ^{+0.1}
1.25 ... 2	23.4 ^{-0.1}	6.8 ^{+0.1}
2 ... 3	23.8 ^{-0.1}	6.8 ^{+0.1}



Basic type 1921
single-pole

 Quick-connect terminal 4.8 x 0.8



X = Wall thickness

x	y	z
0.75 ... 1.25	30 ^{-0.1}	6.8 ^{+0.1}
1.25 ... 2	30.2 ^{-0.1}	6.8 ^{+0.1}
2 ... 3	30.6 ^{-0.1}	6.8 ^{+0.1}

A	1	2	3	4	
	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	6.8 +0.1
			1.25 to / bis 2	19.4 -0.1	6.8 +0.1
	2 to / bis 3		19.8 -0.1	6.8 +0.1	

plug-in
Flachstecker
DIN 46 244-A4.8-0.8

black
schwarz

black
schwarz

Marking
Aufschrift

Ⓜ

1901.

4(1)/250~5E4 T85

6(2)/250~

6A 125-250V AC

1/8 HP

R 58

SPST

suitable for appliances of class II

Ausschalter 1-polig

Für Geräte der Klasse II geeignet

VERTRAULICH-CONFIDENTIAL

Ⓢ Alle Rechte bei Marquardt GmbH, auch fuer den Fall von Schutzrechtsanmeldungen. Jede Verfuugungsbefugnis, wie Kopier- und Weitergaberecht, bei uns.

Ⓢ This document is the exclusive property of Marquardt GmbH. Without our consent, it may not be reproduced or given to third parties.

Allgemeintoleranzen/UNTOLERANCED DIMENSIONS					PROJECTION		Pause COPY	Blatt SHEET		K	Zeichn./DRAWING NO.		
Für Längen und Radien FOR LENGTHS AND RADII. ±		Abmaße in mm Für Nennmaßbereich in mm ALL DIMENSIONS ARE IN MILLIMETRES			FÜR WINKEL FOR ANGLE ± 2°			Original DIN			Maßstab SCALE 1:1		1901.1102
		bis/UP TO 6	über/OVER 6 bis/UP TO 30	über/OVER 30				A4					
±		0.2	0.4		30		0 10 20 30 mm		Appliance Switch Geräteschalter		MARQUARDT Marquardt GmbH, D-78604 Riethim-Weilheim		
d			i					gez./DRAWN BY 18.03.91 Hs gepr./CHECKED BY					
c	21800	29.09.92	Mut	h	43248	13.05.05	hhe						
b	21230	05.12.91	Hs	g	25497	10.11.97	sig						
a	21085	03.12.91	Hs	f	23477	24.07.95	Hs	Ersatz für/REPLACEMENT OF		MARQUARDT Marquardt GmbH, D-78604 Riethim-Weilheim			
				e	22212	06.05.93	Hs						
Ausg. ISSUE	Änderung REVISION	gez. DRAWN BY		Ausg. ISSUE	Änderung REVISION	gez. DRAWN BY							