



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	



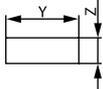
SERIES 1900 - SMALLEST SINGLE-POLE ROCKER SWITCHES

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		

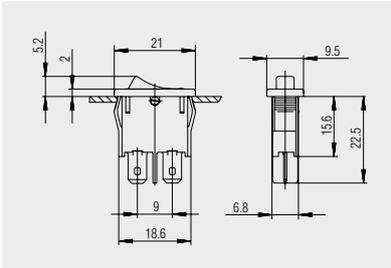


Basic type 1901
single-pole



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}



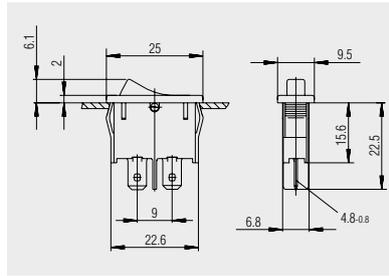
 Quick-connect terminal 4.8 x 0.8

ROCKERSWITCHES
 PUSHBUTTON SWITCHES
 TOGGLE SWITCHES
 SLIDE SWITCHES
 ROTARY SWITCHES
 FOOT SWITCHES
 TACT AND KEY SWITCHES
 SMP-ACTION SWITCHES
 MICRO-SIGNAL SWITCHES
 SENSORS
 ECO
 PUSH N' DRIVE



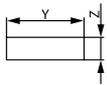
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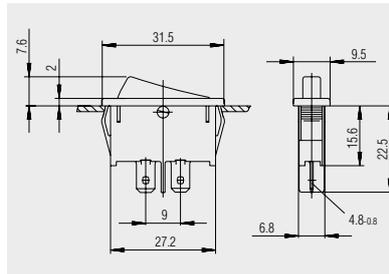
Basic type 1911
single-pole

 Quick-connect terminal 4.8 x 0.8



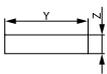
X = Wall thickness

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

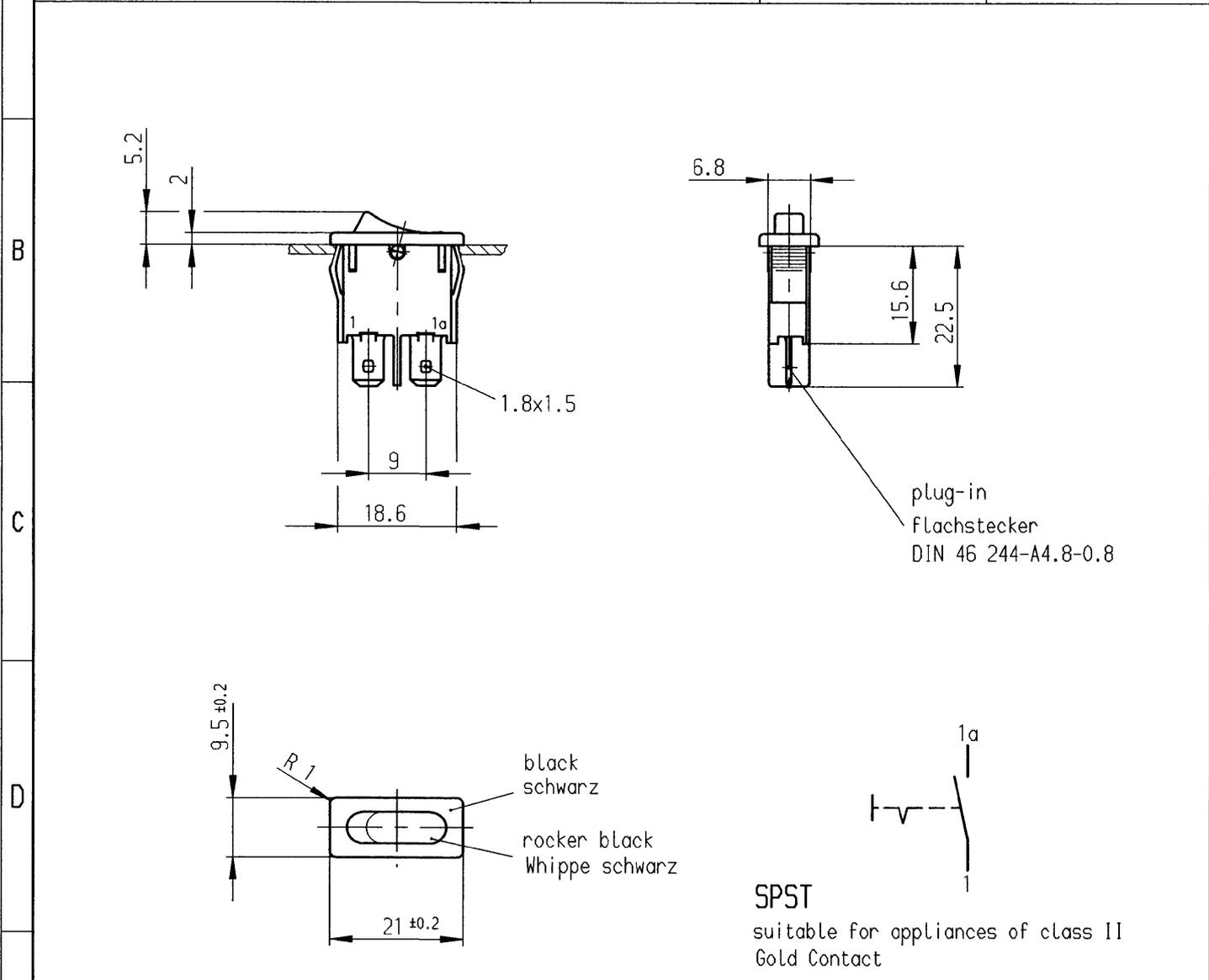
 Quick-connect terminal 4.8 x 0.8



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}

	1	2	3	4
A	recommended cut-out for snap-in fixing (edge opposite to snap-in direction)	wall thickness Wanddicke		length of cut-out Ausschnittlänge
	Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestückungsseite)	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

SPST
suitable for appliances of class II
Gold Contact

Ausschalter 1-polig
Für Geräte der Klasse II geeignet
Kontakte Vergoldet

Marking Aufschrift

Ⓜ
•1901.
30mA 12V 5E4 T85

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Für Form und Lage FOR SHAPE AND LOC.		Allgemeintoleranzen UNTOLERANCED DIMENSIONS		Pause COPY		Blatt SHEET		Typ		Zeichn./DRAWING NO.		Index	
Für Winkel FOR ANGLE		PROJECTION		Laengen LENGTH		Original DIN		K		1901.1152			
±		Abmasse und Nennmassbereiche Angaben in mm		Radien RADII		Maßstab SCALE		Geräteschalter					
⊕		ALL DIMENSIONS ARE IN MILLIMETRES		± 10%		A4 1:1		Appliance Switch					
c		g		0-6 ± 0.1 ± 0.2		30 mm		MARQUARDT					
b		f		>6-15 ± 0.15 ± 0.3		CAD Medusa		Z					
a		e		>15-30 ± 0.2 ± 0.5		gez./DRAWN BY 24.04.06 jm							
46606		24.04.06 jm		>30-70 ± 0.3 ± 0.5		gepr./CHECKED BY sa							
Ausg. ISSUE		Änderung REVISION		>70-120 ± 0.4 ± 0.5		Ersatz für/REPLACEMENT OF							
24.04.06		jm		>120-200 ± 0.8 ± 0.8		1901.MV00.001							
24.04.06		jm											

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