

SERIES 1900-SINGLE POLE ROCKER SWITCHES

UP TO 6 (2) A 250 V~



PRODUCT ADVANTAGES

- ◆ Reliable leaf spring contact system, proven a million times
- ◆ Attractive, slimline rocker switch in three different sizes with a silk matt surface and an abrasionproof marking
- ◆ Low space requirements due to small sizes
- ◆ Excellent actuation characteristic
- ◆ Simple snap-on assembly for appliance panel thickness of 0.75 ... 3.00 mm
- ◆ Tight fit in appliance cut-out due to tolerance compensation ribs on the switch housing
- ◆ Staked terminals for reliable plugging of connectors
- ◆ Variable connection technique (plug or solder)

SWITCHING FUNCTIONS

- ◆ Single throw switches

TERMINAL VERSIONS

- ◆ Solder/quick-connect terminal 4.8 mm

VERSIONS ON REQUEST

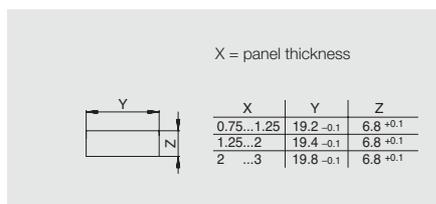
- ◆ Additional terminal versions
- ◆ Additional colours and markings

Standard version

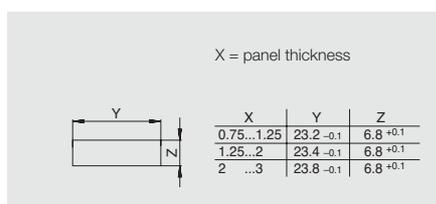


Single throw switch 1901

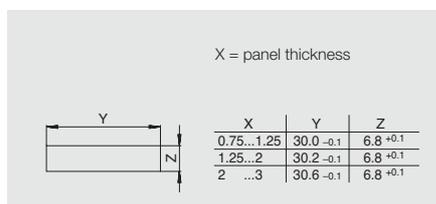
Appliance cut-out



Single throw switch 1911



Single throw 1921



Electrical rating	6 (2) A 250 V~ 4 (1) A 250 V~ 5E4 6 A (1/8 HP) 125 - 250 V AC
Inrush current ST-switches	50 A capacitive 10 ⁴ operations
Mechanical life endurance	75 E3
Contact resistance (new state)	< 100 mΩ (12 V 1A DC)
Insulation resistance (new state)	> 100 MΩ (500 V DC between the open contacts)
High voltage resistance (new state)	750 V eff. (between the open contacts) 3750 V (reinforced insulation)
Resistance to tracking	PTI 250
Contact gap	≥ 3 mm
Insulation spacing	≥ 8 mm
Protection type	IP 40
Ambient temperature	terminal side -20 °C ...+85 °C no condensation actuating side -20 °C ...+55 °C no condensation
Storage temperature	-40 °C ...+80 °C
Actuating force	2-5 N (depending on switch size)
Flammability	UL 94 V-2
Heat and fire-resistance	850 °C (category D)
Material housing and rocker	PA
Contacts	Ag
Terminals	silver-plated
Temperature rise at the terminals (according to electrical life endurance)	max. 30 K (UL 1054) max. 55 K (EN 61058-1)
Solderability of terminals	max. 350 °C, 3 sec. (no pressure on the terminals when soldering by hand!)
Push-on force of connectors	≤ 80 N
Approval marks	
Suitable for appliances of protection class II	

The test conditions comply with EN 61058-1 and UL 1054

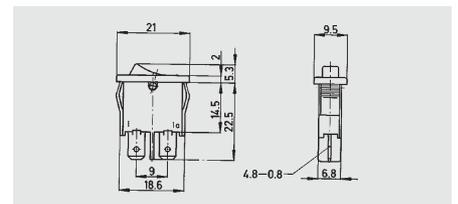
SINGLE POLE ST-SWITCHES



 1901.1102*



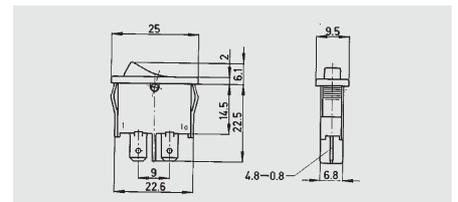
 1901.1103*



 quick-connect terminal 4.8



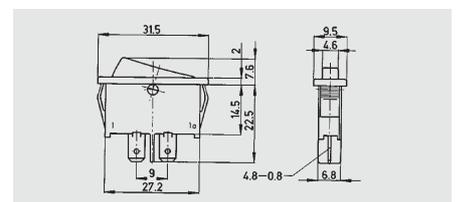
 1911.1102*



 quick-connect terminal 4.8



 1921.1102*



 quick-connect terminal 4.8

* Version on stock