Complete raised pushbutton, latching WR
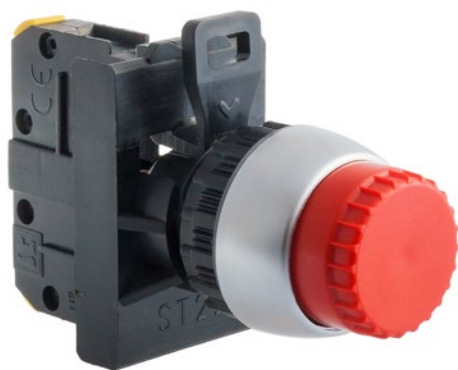
ST22-WR-[   ]

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Switches
10, 20, 30
01, 02, 03
11, 12
21

Description: the first digit represents the number of normally open circuits, the second digit represents the number of normally closed circuits.

Components

Pushbutton actuators

Actuator with raised pushbutton, latching WR

Holders

Holder ST22-6609

Switches

Switches ST22 rail-mounted

Standard switches ST22

Diagram

(WR) - - - -

Technical data

Rated insulation voltage U_i	500 V
Rated continuous current $I_u=I_{th}$	10 A
Rated operational current I_e for AC-15	2.5 A (230 V) 1.6 A (400/500 V)
Rated operational current I_e for AC-13	4 A (24 V) 1 A (110 V) 0.25 A (220 V)
Switch short-circuit protection	10 A (fast fuse link) 1 kA (prospective short circuit current for U_e=500 V)
Mechanical endurance	0.3 mln (transposition cycles)
Electrical endurance	0.2 mln (at rated switching voltages and currents) 1.0 mln (switching cycles) - up to 80 VA (for AC electromagnets) - up to 10 W (for DC electromagnets)
Frequency of switching	up to 360 h^{-1}
Ambient temperature	-40 ... +70°C (work) -40 ... +70°C (storage)
Vibration test (acc. to IEC 60068-2-6)	2...13, 2...100 Hz (frequency) ± 1 mm (amplitude) ±0.7 g (acceleration)
Shock test (acc. to IEC 60068-2-27)	15 g (peak acceleration) 11 ms (impulse duration)
Damp heat cyclic test (acc. to IEC 60068-2-30)	55°C (ambient temperature) 95% (relative humidity)
Salt mist cyclic test (acc. to IEC 60068-2-52)	severity 1
Protection level (Publ. IEC529) of pushbutton actuators after mounting in panel opening	IP65
Wire gauge	2× 1...2.5 mm² (solid) 0.75...1.5 mm² (stranded)
Working position	any
Terminal marking	PN-EN 50013
Compliance with the standard	PN-EN 60947-5-1 IEC 60947-5-1 IEC 60947-1

Switches with effective opening NC

Minimum travel for effective opening	2.5 mm
Maximum travel with end travel	6 mm
Minimum force required for effective opening position	11 N

Dimensions