

Complete illuminated raised pushbutton WL/AWL



Technical data

Rated insulation voltage U_i	500 V
Rated continuous current $I_N=I_{th}$	10 A
Rated operational current	2.5 A (230 V)
I_e for AC-15	1.6 A (400/500 V)
Rated operational current	4 A (24 V)
I_e for AC-13	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	3.0 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 3600 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)
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 mm ² (solid) 0.75...1.5 mm ² (stranded)
Working position	any
Terminal marking	PN-EN 50013
Lamp base	BA9S
Lamp power rating	1 W (LED 24/230 V) 2 W (bulb 24/230 V)
Lamp rated voltage	24 ... 230 V
24,230 V AC and 24, 220 V DC	
Compliance with the standard	PN-EN 60947-5-1 IEC 60947-5-1 IEC 60947-1

Accessories

- Hermetic cap ST22-7606 (IP67)
- Legend plate ST22-1901 for momentary pushbuttons

Ordering code

ST22- - -

<p>Light sources</p> <p>24-BA9S 230-BA9S 24-LED AC/DC 220-LED-DC 230-LED-AC</p> <p>Switches</p> <p>10, 20 01, 02 11</p> <p>Colour</p> <p>C ● red G ● yellow Z ● green N ● blue B ○ white</p> <p>Pushbutton type</p> <p>WL momentary AWL maintained</p>	<p>Light sources</p> <p>24-BA9S 230-BA9S 24-LED AC/DC 220-LED-DC 230-LED-AC</p> <p>Switches</p> <p>10, 20 01, 02 11</p> <p>Colour</p> <p>C ● red G ● yellow Z ● green N ● blue B ○ white</p> <p>Pushbutton type</p> <p>WL momentary AWL maintained</p>
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Description: the first digit represents the number of normally open circuits, the second digit represents the number of normally closed circuits.

Components

Pushbutton actuators

Illuminated raised pushbutton actuator WL/AWL

Lighting elements

Lamp holders for light sources ST22-1417

Light sources ST22

Holders

Holder ST22-6609

Switches

Switches ST22 rail-mounted

Standard switches ST22

Diagrams

(WL)

(AWL)

Dimensions

