

Complete illuminated raised pushbutton WL/AWL



Ordering code

SP22- [] - [] - []

Light sources

24-BA9S
230-BA9S
24-LED AC/DC
220-LED-DC
230-LED-AC
LED-UNI

Switches

10, 20, 30, 40
01, 02, 03, 04
11, 12, 13
21, 22
31

Colour

C ● red
G ● yellow
Z ● green
N ● blue
B ○ white

Pushbutton type

WL momentary
AWL maintained

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 SP22

Light sources SP22

Holders

Holder SP22-6625

Switches

Switches SP22 rail-mounted

Standard switches SP22

Diagrams

(WL) - - - - -]

(AWL) - - √ - -]

Technical data

Rated insulation voltage U_i	500 V
Rated continuous current $I_n=I_{th}$	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	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) 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 mm ² (solid) 0.75...1.5 mm ² (stranded)
Working position	any
Terminal marking	PN-EN 50013
Lamp power rating	1 W (LED 24/230 V) 2 W (bulb 24/230 V) 1.6 W (LED UNI 24-230 V AC and 24-110 V DC)
Lamp rated voltage 24,230 V AC and 24, 220 V DC	24 ... 230 V
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

Dimensions

