Complete illuminated emergency pushbutton BN - pull-to-unlock

Ordering code

SP22-BN-☐

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

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

Components

Pushbutton actuators
Emergency actuator, standard BN

Holders
Holder SP22-6625

Switches
Switches SP22 rail-mounted
Standard switches SP22

Diagram

(BN) $- - \vee - \mathcal{D}$

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 PN-EN 60947-5-5

Switches with effective opening NC

Minimum travel for effective opening	6.3 mm
Maximum travel with end travel	11 mm
Minimum force required for effective opening posistion	28 N

Accessories

Aluminium legend plate SP22-4510

Dimensions

Ø 40

Ø 34,6

46,8

65,90

42,90

max 4mm

46,70

9,90

29,70

29,70