XB7ES545P

Emergency switching off \emptyset 22 - red mushroom head Ø40mm - turn to release 1NO+1NC



Main

Range of product	Harmony XB7
Product or component type	Emergency switching off monolithic pushbutton
Device short name	XB7
Mounting diameter	22 mm
Sale per indivisible quantity	10
Shape of signaling unit head	Round
Type of operator	Mechanical latching
Reset	Turn to release
Operator profile	Red mushroom Ø 40 mm unmarked
Contacts type and composition	1 NO + 1 NC
Connections - terminals	Screw clamp terminals: 1 x 0.342 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 Screw clamp terminals: <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1

Complementary

- Complementary	
CAD overall width	40 mm
CAD overall height	40 mm
CAD overall depth	72 mm
Terminals description ISO n°1	(13-14)NO (21-22)NC
Product weight	0.035 kg
Device mounting	Fixing hole: Ø 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-1
Fixing center	>= 30 x 40 mm on support panel, plastic, thickness: 26 mm >= 30 x 40 mm on support panel, metal, thickness: 16 mm
Fixing mode	Fixing nut beneath head recommended torque: 2.2 N.m (+/- 0.2 N.m)
Contacts operation	Slow-break
Contacts usage	Standard
Positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K
Mechanical durability	10000 cycles
Tightening torque	0.81.2 N.m conforming to EN 60947-1
Shape of screw head	Slotted head compatible with flat Ø 5.5 mm screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Cross head compatible with pozidriv No 1 screwdriver Cross head compatible with Philips no 1 screwdriver Cross head compatible with JIS No 1 screwdriver
Short circuit protection	4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
[le] rated operational current	0.6 A at 120 V, AC-14, D300 conforming to EN/IEC 60947-5-1 0.3 A at 240 V, AC-14, D300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1
Electrical reliability IEC 60947-5-4	Λ < 10exp(-6) at 17 V, 5 mA conforming to IEC 60947-5-4

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Environment

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-2570 °C
Class of protection against electric shock	Class II conforming to IEC 60536
IP degree of protection	IP54 (front face) conforming to IEC 60529 IP20 (rear face) conforming to IEC 60529
NEMA degree of protection	NEMA 3 conforming to UL 50 NEMA 12 conforming to UL 50
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 IEC 60364-5-53 UL 508 CSA C22.2 No 14
Product certifications	CCC
Vibration resistance	5 gn (f = 2500 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

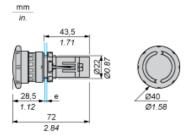


Product data sheet Dimensions Drawings

XB7ES545P

Emergency Switching off Pushbutton

Dimensions



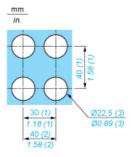
e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

Product data sheet Mounting and Clearance

XB7ES545P

Mounting

Diameter of Finished Fixing Holes



- Minimum value.
- 40 mm/1.58 in. for Emergency switching off pushbutton only. Standard value: \emptyset 22.3 (0; + 0.4) mm/ \emptyset 0.88 (0; + 0.02) in.

"U" Type Tag Connection



- 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Product data sheet Connections and Schema

XB7ES545P

Wiring

