

# Product data sheet

## Characteristics

# XB6EAS842P

red Emergency stop Ø 16 - mushroom head Ø 24 - turn to release



### Main

Range of product	Harmony XB6E
Product or component type	Complete emergency stop pushbutton
Device short name	XB6
Bezel material	Plastic
Mounting diameter	16 mm
Sale per indivisible quantity	5
Shape of signaling unit head	Round
Type of operator	Trigger action and mechanical latching
Reset	Turn to release
Operator profile	Red mushroom Ø 24 mm
Contacts type and composition	2 NC
Contacts operation	Slow-break
Connections - terminals	Soldered connectors

### Complementary

CAD overall width	25 mm
CAD overall height	25 mm
CAD overall depth	54 mm
Terminals description ISO n°1	(21-22)NC (31-32)NC
Product weight	0.018 kg
Operating position	Any position
Contacts usage	Standard
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	1 mm (NC changing electrical state) 3.5 mm (total travel)
Operating force	4.5 N (NC changing electrical state)
Mechanical durability	100000 cycles
Contacts material	Gold-flashed silver
Short circuit protection	6 A by gG cartridge fuse
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uiimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
Electrical durability	1000000 cycles AC-15 - 230 V, operating rate: 3600 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 - 230 V, operating rate: 3600 cyc/mn, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	1 > 10 <sup>8</sup> at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4

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## Environment

Protective treatment	TC
Ambient air temperature for storage	-40...55 °C
Ambient air temperature for operation	-25...55 °C
Class of protection against electric shock	Class II conforming to IEC 61140
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 13 conforming to CSA C22-2 No 94 NEMA 13 conforming to UL 50 NEMA 4 conforming to CSA C22-2 No 94 NEMA 4 conforming to UL 50 NEMA 4X conforming to CSA C22-2 No 94 NEMA 4X conforming to UL 50
Standards	CSA C22-2 No 14 EN/IEC 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 JIS C 4520 JIS C 852 UL 508
Product certifications	CCC CSA GOST UL
Vibration resistance	+/- 3 mm (2 - 500 Hz) conforming to IEC 60068-2-6 5 gn (2 - 500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn for 18 ms half sine wave acceleration conforming to IEC 60068-2-27 50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27