Product data sheet
Characteristics

XB7EA45P
red flush pushbutton Ø 22 - spring return - 1 CO - screw clamp terminals

Main

Range of product	Harmony XB7
Product or component type	Monolithic pushbutton
Device short name	XB7
Mounting diameter	22 mm
Sale per indivisible quantity	10
IP degree of protection	IP20 (rear face) conforming to IEC 60529 IP54 (front face) conforming to IEC 60529
Standards	CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 JIS C 4520 UL 508
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Red flush unmarked
Contacts type and composition	1 C/O
Contact operation	Slow-break

Complementary

Product weight	0.02 kg
Device mounting	Fixing hole : 22.5 mm (22.3 +0.4/0) conforming to EN/IEC 60947-1
Fixing center	>= 30 x 40 mm on support panel thickness: metal : 1...6 mm >= 30 x 40 mm on support panel thickness: plastic : 2...6 mm
Fixing mode	Fixing nut beneath head recommended torque: 1.2 N.m (0.8...2 N.m)
Positive opening	Without
Mechanical durability	1000000 cycles
Connections - terminals	Screw clamp terminals : <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals : 1 x 0.22...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1 Conforming to EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head	Cross head compatible with pozidriv No 1 screwdriver Cross head compatible with Philips no 1 screwdriver Cross head compatible with JIS No 1 screwdriver Slotted head compatible with flat Ø 4 mm screwdriver Slotted head compatible with flat Ø 5.5 mm screwdriver
Short circuit protection	4 A by gG cartridge fuse 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	6 kV conforming to EN/IEC 60947-1
[Ie] rated operational current	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 0.3 A at 240 V AC-14 , D300 conforming to EN/IEC 60947-5-1 0.6 A at 120 V AC-14 , D300 conforming to EN/IEC 60947-5-1
Electrical reliability IEC 60947-5-4	Λ <= 10exp(-6) at 17 V and 5 mA conforming to EN/IEC 60947-5-4

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Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
Class of protection against electric shock	Class II conforming to IEC 60536
NEMA degree of protection	NEMA 12
Vibration resistance	5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27
RoHS EUR conformity date	0752
RoHS EUR status	Compliant