



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	Mushroom Ø 40 mm red unmarked
Contacts type and composition	1 NC
Connections - terminals	Faston connectors 6.35 x 0.8 mm EN/IEC 60947-1 Forked type tag connectors 6.5 mm EN/IEC 60947-1 Screw clamp terminals 1 x 0.22...2 x 2.5 mm ² without cable end EN/IEC 60947-1 Screw clamp terminals <= 2 x 1.5 mm ² with cable end EN/IEC 60947-1

Complementary

Product weight	0,032 kg
Device mounting	Fixing hole 22,5 mm 22.3 +0.4/0 EN/IEC 60947-1
Fixing center	>= 30 x 40 mm support panel metal 1...6 mm >= 30 x 40 mm support panel plastic 2...6 mm
Fixing mode	Fixing nut beneath head 1.2 N.m 0.8...2 N.m
Contacts operation	Slow-break
Contacts usage	Standard
Positive opening	With EN/IEC 60947-5-1 appendix K
Mechanical durability	10000 cycles
Tightening torque	0,8...1,2 N.m EN 60947-1
Shape of screw head	Cross pozidriv No 1 Cross Philips no 1 Cross JIS No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Short circuit protection	4 A cartridge fuse gG EN/IEC 60947-5-1
[Ui] rated insulation voltage	250 V 3 EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
[Ie] rated operational current	0,1 A 250 V DC-13 R300 EN/IEC 60947-5-1 0,3 A 240 V AC-14 D300 EN/IEC 60947-5-1 0,6 A 120 V AC-14 D300 EN/IEC 60947-5-1 0,22 A 125 V DC-13 R300 EN/IEC 60947-5-1
Electrical reliability IEC 60947-5-4	$\Lambda < 10\exp(-6)$ 17 V 5 mA IEC 60947-5-4

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 IEC 60536
IP degree of protection	IP20 rear face IEC 60529 IP54 front face IEC 60529
NEMA degree of protection	NEMA 12
Standards	CSA C22-2 No 14 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 IEC 60364-5-53 UL 508
Vibration resistance	5 gn 2...500 Hz IEC 60068-2-6
Shock resistance	10 gn 11 ms half sine wave acceleration IEC 60068-2-27
RoHS EUR conformity date	0730
RoHS EUR status	Compliant