

Product datasheet

Specifications



black pushbutton + 22 push-push to release - 10C

XB7EH25

⚠ Discontinued on: 1 Dec 2020

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Main

Range Of Product	Harmony XB7
Product Or Component Type	Push-button
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
Shape Of Signaling Unit Head	Round
Type Of Operator	push and push-to-release
Operator Profile	Black flush, unmarked
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.34...2 x 2.5 mm² without cable end conforming to EN/IEC 60947-1
Device Presentation	Monolithic product

Complementary

Cad Overall Width	29 mm
Cad Overall Height	29 mm
Cad Overall Depth	52 mm
Terminals Description Iso N°1	(13-14-11-12)OF
Net Weight	0.02 kg
Device Mounting	Fixing hole - diameter: 22.5 mm 22.3 +0.4/0 conforming to EN/IEC 60947-1
Fixing Center	>= 30 x 40 mm (support panel) metal - thickness: 1...6 mm >= 30 x 40 mm (support panel) plastic - thickness: 2...6 mm
Fixing Mode	Fixing nut beneath head: 2...2.4 N.m
Contact Operation	Slow-break
Positive Opening	Without
Mechanical Durability	1000000 cycles
Tightening Torque	0.8...1.2 N.m conforming to EN 60947-1
Short-Circuit Protection	4 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ui] Rated Insulation Voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[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 Durability	1000000 cycles, DC-13, 0.1 A at 250 V 1000000 cycles, DC-13, 0.22 A at 125 V 1000000 cycles, AC-14, 0.3 A at 240 V 1000000 cycles, AC-14, 0.6 A at 120 V
Electrical Reliability	$\Lambda \leq 10\exp(-6)$ at 17 V, 5 mA

Environment

Protective Treatment	TH
Ambient Air Temperature For Storage	-40...70 °C
Ambient Air Temperature For Operation	-25...70 °C
Overvoltage Category	Class II conforming to IEC 60536
Nema Degree Of Protection	NEMA 12
Standards	JIS C8201-5-1 CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508 EN/IEC 60947-1 JIS C8201-1
Vibration Resistance	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock Resistance	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27