

XB7NG33

Harmony XB7, Monolithic key switch selector, plastic, black, Ø22, key n°455, 3 positions, stay put, 2 NO



Main

Range of product	Harmony XB7
Product or component type	Selector switch
Device short name	XB7
Mounting diameter	0.87 in (22 mm)
Sale per indivisible quantity	10
Net Weight	0.11 lb(US) (0.05 kg)
IP degree of protection	IP20 IEC 60529 rear face IP65 (front face) conforming to IEC 60529
Shape of signaling unit head	Round
Type of operator	Stay put
Operator position information	3 positions +/- 45°
Type of keylock	Ronis 455
Key withdrawal position	Center
Contacts type and composition	2 NO
Positive opening	Without

Complementary

CAD overall width	1.14 in (29 mm)
CAD overall height	1.14 in (29 mm)
CAD overall depth	3.27 in (83 mm)
Terminals description ISO n°1	(23-24)NO (13-14)NO
Device mounting	Fixing hole 0.89 in (22.5 mm) 22.3 +0.4/0 EN/IEC 60947-1
Fixing center	>= 30 x 40 mm support panel) metal 0.04...0.24 in (1...6 mm) >= 30 x 40 mm support panel) plastic 0.08...0.24 in (2...6 mm)
Fixing mode	Fixing nut 17.70...21.24 lbf.in (2...2.4 N.m)
Contact operation	Slow-break
Mechanical durability	300000 cycles
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals, 1 x 0.34...2 x 2.5 mm ² without cable end EN/IEC 60947-1
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1
Shape of screw head	Cross compatible with JIS No 1 screwdriver Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
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	4 kV EN/IEC 60947-1
[Ie] rated operational current	0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 0.22 A 125 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Electrical durability	1000000 Cycles, DC-13, 0.3 A 24 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 0.03 A 230 V 216000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 0.09 A 240 V 108000 cyc/mn 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\exp(-6)$ 17 V 5 mA IEC 60947-5-4

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Electrical shock protection class	Class II IEC 61140
NEMA degree of protection	NEMA 12 UL 50 E NEMA 3 UL 50 E
Standards	EN/IEC 60947-1 CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C8201-5-1 UL 508 JIS C8201-1
Vibration resistance	5 gn 2...500 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	22464 - PUSHBUTTONS, XB7-22MM
Discount Schedule	CS2
GTIN	00785901207511
Nbr. of units in pkg.	10
Package weight(Lbs)	0.11 lb(US) (0.05 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	0.600 dm
Package 1 width	0.330 dm
Package 1 Length	0.320 dm

Offer Sustainability

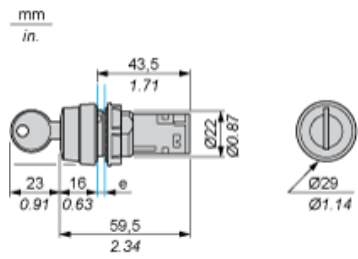
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Key Switch

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).

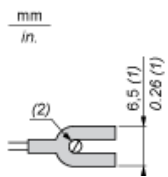
Mounting

Diameter of Finished Fixing Holes



- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

“U” Type Tag Connection



- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.
- (2) M3 screw clamp terminal.

Wiring

