Product data sheet

Specifications



Complete push button, Harmony XB6, red square flush pushbutton 16mm spring return 1NO+1NC unmarked

XB6CA45B

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB6
Product or Component Type	Complete push-button
Device short name	XB6
Bezel material	Plastic
Mounting diameter	0.6 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Square
Type of operator	spring return
Operator profile	Red flush, unmarked
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Faston connectors 2.8 x 0.5 mm

Complementary

CAD overall width	0.7 in (18 mm)
CAD overall height	0.7 in (18 mm)
CAD overall depth	2.2 in (57 mm)
Terminals description ISO n°1	(13-14)NO (21-22)NC
Net Weight	0.049 lb(US) (0.022 kg)
Operating position	Any position
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.04 in (1 mm) NO changing electrical state) 0.08 in (2 mm) NC changing electrical state) 0.1 in (3.5 mm) total travel)
Operating force	3.5 N NO changing electrical state 4.5 N NC changing electrical state
Mechanical durability	2000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse gG
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

[Ie] rated operational current	3 A 120 V, AC-15, B300 IEC 60947-5-1 1.5 A 240 V, AC-15, B300 IEC 60947-5-1 0.1 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Electrical reliability	Λ = 10exp(-8) 5 V 1 mA with confidence level of 90 % IEC 60947-5-4

Environment

Protective treatment	TC
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 conforming to IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	UL 508 IEC 60947-1 JIS C 4520 CSA C22.2 No 14 IEC 60947-5-5 JIS C 852 IEC 60947-5-1
Product Certifications	UL GOST CSA CCC
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	US10CS222459
Discount Schedule	0CS2
GTIN	3389110764352
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.8 in (2.0 cm)
Package 1 Width	3.9 in (10.0 cm)
Package 1 Length	3.9 in (10.0 cm)
Package weight(Lbs)	0.5 oz (15.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	5.9 in (15 cm)

Package 2 Width	5.9 in (15 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	2.392 lb(US) (1.085 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

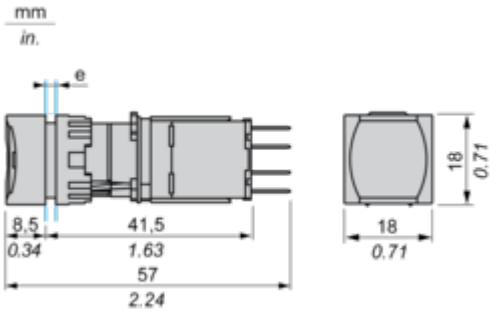
Repack and remanufacture

Take-back	**No**
WEEE Label	 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Dimensions Drawings

Square Head Pushbutton

Dimensions



e panel thickness 1 to 6 mm/0.03 to 0.23 in.

Mounting and Clearance

Panel Cut-out

For Square or Circular Head

