Product data sheet

Specifications

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

XB6DA45B

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	Rectangular
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	0.9 in (24 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
Product 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.

[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	$\Lambda = 10exp(-8)$ 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	CSA C22.2 No 14
	JIS C 4520
	IEC 60947-1
	IEC 60947-5-5
	IEC 60947-5-1
	JIS C 852
	UL 508
Product Certifications	GOST
	CCC
	CSA
	UL
Vibration resistance	+/- 3 mm (f= 2…500 Hz) conforming to IEC 60068-2-6
	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
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	3389110764369
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.79 in (2.000 cm)
Package 1 Width	3.54 in (9.000 cm)
Package 1 Length	4.72 in (12.000 cm)
Package weight(Lbs)	0.564 oz (16.000 g)
Unit Type of Package 2	S01

Number of Units in Package 2	60
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	2.533 lb(US) (1.149 kg)

Contractual warranty

Warranty	18 months

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

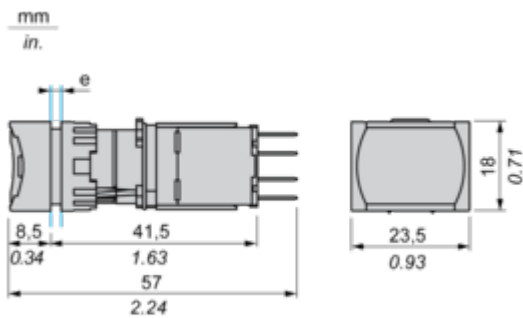| Materials and Substances	
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
California proposition 65	**WARNING: This product can expose you to chemicals including: Di-isodecyl 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

Rectangular Head Pushbutton

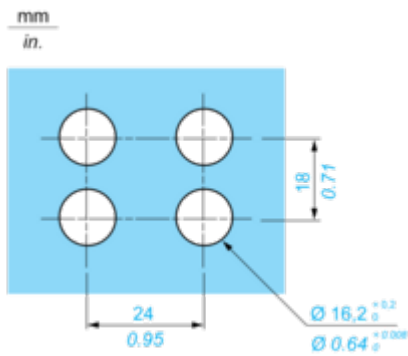**Dimensions**

e panel thickness 1 to 6 mm/0.03 to 2.48 in.

Mounting and Clearance

Panel Cut-out

For Rectangular Head

$\dfrac{mm}{in.}$

18
0.71

24
0.95

Ø 16,2 $^{+0,2}_{0}$
Ø 0.64 $^{+0.008}_{0}$

Technical Illustration

Dimensions

$$\frac{mm}{in.}$$

1...6
0.04...0.24

8.5
0.34

41.5
1.63

57
2.24

18
0.71

23.5
0.93

18
0.71

24
0.95

Ø 16.2$_0^{+0.2}$
Ø 0.64$_0^{+0.008}$