Product data sheet

Specifications

Illuminated monolithic push button, Harmony XB6E, round red pushbutton Ø 16 flush spring return 24 VDC polarised 2CO

XB6EAW4B2P

⊘ **Discontinued**

⊘ Discontinued on: Mar 31, 2023

Main

Range Of Product	Harmony XB6E
Product Or Component Type	Illuminated monolithic push-button
Device Short Name	XB6E
Bezel Material	Plastic
Mounting Diameter	16 mm
Sale Per Indivisible Quantity	5
Shape Of Signaling Unit Head	Round
Type Of Operator	spring return
Operator Profile	Red flush
Contacts Type And Composition	2 C/O
Contact Operation	Snap action
Connections - Terminals	Insulated faston, connection size: 2.8 x 0.5 mm Solder terminal, clamping capacity: <= 0.75 mm² AWG 19 Fast connector socket
Contacts Material	Gold-flashed silver
Light Source	Integral LED
[Us] Rated Supply Voltage	24 V DC polarised

Complementary

Net Weight	0.006 kg
Operating Position	Any position
Marking	CE
Mechanical Durability	1000000 cycles
Contact Resistance	50 mOhm at 1/6 V
Short-Circuit Protection	2 A cartridge fuse type gG
[Ith] Conventional Free Air Thermal Current	3 A (fast connector socket) 5 A
[Ie] Rated Operational Current	1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 0.2 A at 125 V, DC-12 conforming to EN/IEC 60947-5-1 0.15 A at 125 V, DC-13 conforming to EN/IEC 60947-5-1
Electrical Durability	100000 cycles, AC, 0.7 A at 220 V conforming to EN/IEC 60947-5-1 appendix C

Signalling Type	Steady
Current Consumption	10 mA
Service Life	30000 h

Environment

Ambient Air Temperature For Storage	-40…70 °C
Ambient Air Temperature For Operation	-10…55 °C
Ip Degree Of Protection	IP65 conforming to IEC 60529
Standards	JIS C 4520 CSA C22.2 No 14 UL 508 JIS C 852 IEC 60947-5-1 IEC 60947-1
Product Certifications	CCC cURus
Vibration Resistance	1 mm (f= 10…55 Hz) conforming to IEC 60068-2-6
Shock Resistance	10 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.8 cm
Package 1 Width	7.3 cm
Package 1 Length	18.5 cm
Package 1 Weight	10.0 g
Unit Type Of Package 2	BAG
Number Of Units In Package 2	5
Package 2 Height	2.8 cm
Package 2 Width	7.3 cm
Package 2 Length	18.5 cm
Package 2 Weight	50.0 g
Unit Type Of Package 3	S01
Number Of Units In Package 3	50
Package 3 Height	15.0 cm
Package 3 Width	15.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	725.0 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✔ Reach Free Of Svhc

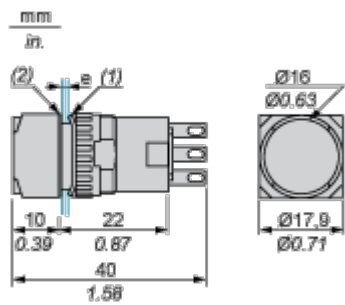✔ Mercury Free

✔ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and 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

Dimensions Drawings

Pushbutton

Circular Head

(1)   Anti-rotation plate (thickness: 0.6 mm / 0.02 in.)

(2)   Seal (thickness: 0.5 mm / 0.01 in.)

e   panel thickness: 0.5 mm (0.01 in.) ≤ e ≤ 6 mm (0.24 in.)

Mounting and Clearance

Panel Cut-Out and Mounting

Circular or Square Head