Product data sheet

Specifications



Illuminated monolithic push button, Harmony XB6E, square yellow flush, 16mm, latching, 24V DC, 2CO

XB6ECF5B2P

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony XB6E
Product or Component Type	Illuminated monolithic push-button
Device short name	XB6E
Bezel material	Plastic
Mounting diameter	0.6 in (16 mm)
Sale per indivisible quantity	5
Shape of signaling unit head	Square
Type of operator	latching
Operator profile	Yellow flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Faston connectors 2.8 x 0.5 mm Soldered connectors
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	24 V DC polarised

Complementary

Height	0.7 in (18 mm)
Width	0.7 in (18 mm)
Depth	1.6 in (40 mm)
Terminals description ISO n°1	(23-24-21-22)OF (13-14-11-12)OF
Net Weight	0.013 lb(US) (0.006 kg)
Overvoltage category	II conforming to IEC 60536
Operating position	Any position
Marking	CE
Operating force	1.3 N C/O changing electrical state
Mechanical durability	250000 cycles
Short-circuit protection	3 A cartridge fuse gG
[Ith] conventional free air thermal current	3 A
[Ui] rated insulation voltage	250 V 2)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

[Uimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
Electrical durability	50000 cycles, DC-12, 1 A 30 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 125 V IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A 250 V IEC 60947-5-1 appendix C
Electrical reliability	Λ = 10exp(-8) 5 V 1 mA with confidence level of 90 % IEC 60947-5-4
Signalling type	Steady
Current Consumption	10 mA
Service life	50000 h

Environment

Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
ambient air temperature for operation	14…131 °F (-10…55 °C)
IP degree of protection	IP65 IEC 60529
Standards	IEC 60947-5-1 UL 508 IEC 60947-1 CSA C22.2 No 14 JIS C 852 JIS C 4520
Product Certifications	cURus CCC
Vibration resistance	1 mm (f= 5…55 Hz) conforming to IEC 60068-2-6 9 gn (f= 5…55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

Ordering and shipping details

Category	US10CS222459
Discount Schedule	0CS2
GTIN	3389110629415
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.10 in (2.8 cm)
Package 1 Width	2.87 in (7.3 cm)
Package 1 Length	7.28 in (18.5 cm)
Package 1 Weight	0.4 oz (10.0 g)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Height	1.10 in (2.8 cm)
Package 2 Width	2.87 in (7.3 cm)
Package 2 Length	7.28 in (18.5 cm)

Package 2 Weight	1.9 oz (53.0 g)
Unit Type of Package 3	S01
Number of Units in Package 3	50
Package 3 Height	5.91 in (15.0 cm)
Package 3 Width	5.91 in (15.0 cm)
Package 3 Length	15.75 in (40.0 cm)
Package 3 Weight	26.6 oz (755.0 g)

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 >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

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: 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

Use Again

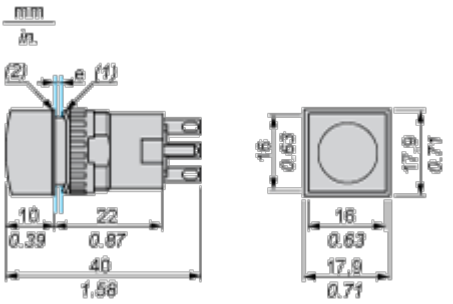
Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Pushbutton

Square 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

