

XB6ECF1B2P

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



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	Square
Type of operator	latching
Operator profile	White flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Faston connectors, connection size: 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	18 mm
Width	18 mm
Depth	40 mm
Terminals description ISO n°1	(13-14-11-12)OF (23-24-21-22)OF
Net weight	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 type gG
[Ith] conventional free air thermal current	3 A
[Ui] rated insulation voltage	250 V (pollution degree 2) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1
Electrical durability	50000 Cycles, DC-12, 1 A at 30 V conforming to IEC 60947-5-1 appendix C 50000 Cycles, AC-12, 0.5 A at 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles, AC-12, 0.5 A at 250 V conforming to IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda = 10\exp(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Current consumption	10 mA
Service life	50000 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	CSA C22.2 No 14 UL 508 JIS C 4520 IEC 60947-5-1 IEC 60947-1 JIS C 852
Product certifications	cURus[RETURN]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 (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 8 kV conforming to IEC 61000-4-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	3.0 cm
Package 1 Length	20.0 cm
Package 1 Weight	12.0 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	160.0 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	862.0 g

Offer Sustainability

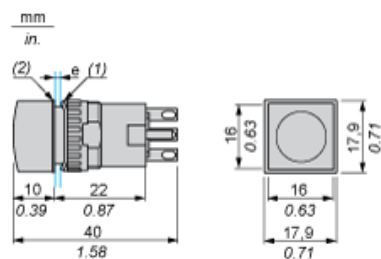
Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be 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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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.)

Panel Cut-Out and Mounting

Circular or Square Head

