

XB6ECF8J2P

square orange illuminated pushbutton Ø16-flush
pushrelease 12 VDC polarised 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	Orange flush
Contacts type and composition	2 C/O
Contact operation	Snap action
Connections - terminals	Soldered connectors Faston connectors : 2.8 x 0.5 mm
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	12 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
Product 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 by gG cartridge fuse
[Ith] conventional free air thermal current	3 A
[Ui] rated insulation voltage	250 V (degree of pollution: 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 - 30 V conforming to IEC 60947-5-1 appendix C 50000 cycles AC-12, 0.5 A - 125 V conforming to IEC 60947-5-1 appendix C 50000 cycles AC-12, 0.5 A - 250 V conforming to IEC 60947-5-1 appendix C
Electrical reliability	$\lambda = 10\text{exp}(-8)$ at 5 V and 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Current consumption	20 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	IEC 60947-1 IEC 60947-5-1 JIS C 4520

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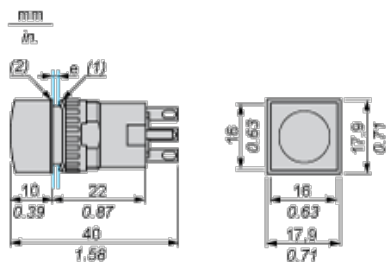
product certifications	CCC CURus
vibration resistance	1 mm (5...55 Hz) conforming to IEC 60068-2-6 9 gn (5...55 Hz) conforming to IEC 60068-2-6
shock resistance	20 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27
electromagnetic compatibility	Electrostatic discharge immunity test 8 kV - test level conforming to IEC 61000-4-2

Contractual warranty

Warranty period	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

