

XB6ECW8B2P

square orange illuminated pushbutton Ø16-
flush spring return-24 V-2OC



Main

Commercial Status	Commercialised
Range of product	Harmony XB6E
Product or component type	Illuminated monolithic pushbutton
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	Spring return
Operator profile	Orange flush
Contacts type and composition	2 C/O
Contacts operation	Snap action
Connections - terminals	Fast connector socket Solder terminal, clamping connection $\leq 0.75 \text{ mm}^2$ / AWG 19 min Insulated faston: 2.8 x 0.5 mm
Contacts material	Gold-flashed silver
Light source	Integral LED
[Us] rated supply voltage	24 V

Complementary

Product weight	0.006 kg
Operating position	Any position
Marking	CE
Mechanical durability	1000000 cycles
Contact resistance	$< 50 \text{ m}\Omega$ for 1/6 V
Short circuit protection	2 A by gG cartridge fuse
[Ith] conventional free air thermal current	3 A with fast connector socket 5 A
[Ie] rated operational current	0.15 A at 125 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 0.7 A at 24 V, DC-13 conforming to EN/IEC 60947-5-1 1 A at 24 V, DC-12 conforming to EN/IEC 60947-5-1 1 A at 240 V, AC-12 conforming to EN/IEC 60947-5-1 1.5 A at 120 V, AC-12 conforming to EN/IEC 60947-5-1
Electrical durability	100000 cycles AC, 0.7 A - 220 V conforming to EN/IEC 60947-5-1 appendix C
Signalling type	Steady
Current consumption	10 mA
Service life	30000 h

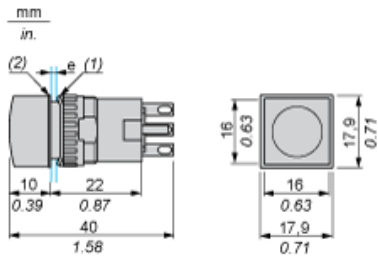
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Environment

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 JIS C 852 UL 508 CSA C22.2 No 14
Product certifications	CCC CURus
Vibration resistance	1 mm (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

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

