XB6ECF8B1P

Illuminated monolithic push button, Harmony XB6E, square orange pushbutton Ø 16 flush pushtorelease 24 VDCpolarised 1CO

Green Premium™ Product

Main

Range of Product	Harmony XB6E
Product or Component Type	Illuminated monolithic push-button
Device short name	XB6E
Bezel material	Plastic
Mounting diameter	0.63 in (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	1 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	0.71 in (18 mm)
Width	0.71 in (18 mm)
Depth	1.57 in (40 mm)
Terminals description ISO n°1	(13-14-11-12)OF
Net Weight	0.01 lb(US) (0.006 kg)
Overvoltage category	II 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
[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	$\Lambda = 10exp(-8)$ 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	CSA C22.2 No 14 IEC 60947-5-1 JIS C 852 IEC 60947-1 UL 508 JIS C 4520
Product Certifications	CCC cURus
Vibration resistance	1 mm 5…55 Hz)IEC 60068-2-6 9 gn 5…55 Hz)IEC 60068-2-6
Shock resistance	20 gn 11 ms) half sine wave acceleration IEC 60068-2-27
Electromagnetic compatibility	Electrostatic discharge immunity test 8 kV IEC 61000-4-2

Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110629262
Nbr. of units in pkg.	1
Package weight(Lbs)	0.32 oz (9 g)
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.83 in (7.2 cm)
Package 1 width	1.10 in (2.8 cm)
Package 1 Length	7.36 in (18.7 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	5
Package 2 Weight	1.73 oz (49 g)
Package 2 Height	2.83 in (7.2 cm)
Package 2 width	1.10 in (2.8 cm)
Package 2 Length	7.36 in (18.7 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	50
Package 3 Weight	25.22 oz (715 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

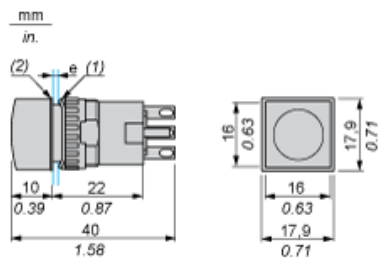|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes

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RoHS exemption information	⬀Yes
China RoHS Regulation	⬀China RoHS Declaration
Environmental Disclosure	⬀Product Environmental Profile
Circularity Profile	⬀End Of Life Information
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

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