XB6EAA31P

Monolithic push button, Harmony XB6E, round green pushbutton Ø 16, flush spring return, 1OC

Green Premium™ Product

Main

Range of Product	Harmony XB6E
Product or Component Type	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	Round
Type of operator	Spring return
Operator profile	Green flush
Contacts type and composition	1 C/O
Contact operation	Snap action
Connections - terminals	Insulated faston 2.8 x 0.5 mm Solder terminal <= 0.75 mm² AWG 19 Fast connector socket
Contacts material	Gold-flashed silver

Complementary

Net Weight	0.01 lb(US) (0.006 kg)
Overvoltage category	II IEC 60536
Operating position	Any position
Marking	CE
Mechanical durability	1000000 cycles
Tightening torque	5.31…8.85 lbf.in (0.6…1 N.m)
Contact resistance	50 mOhm 1/6 V
Short-circuit protection	2 A cartridge fuse gG
[Ith] conventional free air thermal current	3 A fast connector socket) 5 A
[Ie] rated operational current	1.5 A 120 V, AC-12 EN/IEC 60947-5-1 1 A 240 V, AC-12 EN/IEC 60947-5-1 0.7 A 240 V, AC-13 EN/IEC 60947-5-1 1 A 120 V, AC-13 EN/IEC 60947-5-1 1 A 24 V, DC-12 EN/IEC 60947-5-1 0.7 A 24 V, DC-13 EN/IEC 60947-5-1 0.2 A 125 V, DC-12 EN/IEC 60947-5-1 0.15 A 125 V, DC-13 EN/IEC 60947-5-1
Electrical durability	100000 cycles, AC, 0.7 A 220 V EN/IEC 60947-5-1 appendix C

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	UL 508 IEC 60947-1 JIS C 852 CSA C22.2 No 14 IEC 60947-5-1 JIS C 4520
Product Certifications	CCC cURus
Vibration resistance	1 mm 10…55 Hz)IEC 60068-2-6
Shock resistance	10 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	22459-PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110624441
Nbr. of units in pkg.	1
Package weight(Lbs)	0.25 oz (7.0 g)
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.18 in (3 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	7.87 in (20 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Weight	1.90 oz (54.0 g)
Package 2 Height	1.38 in (3.5 cm)
Package 2 width	3.54 in (9 cm)
Package 2 Length	7.28 in (18.5 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	50
Package 3 Weight	23.92 oz (678.0 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
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes

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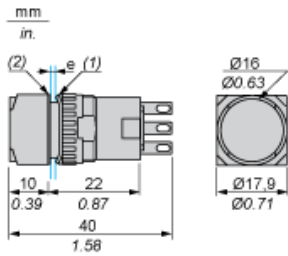| China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

Pushbutton

Circular 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

$\dfrac{mm}{in.}$

18
0.71

18
0.71

Ø16,2 ±0.2
Ø0.64 ±0.0079