Product data sheet
Characteristics

XB6AA35B
Complete push button, Harmony XB6, green flush pushbutton, 16mm, spring return, 1NO + 1NC, unmarked

Main

Range of Product	Harmony XB6
Product or Component Type	Complete push-button
Device short name	XB6
Bezel material	Plastic
Mounting diameter	0.63 in (16 mm)
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Spring return
Operator profile	Green flush, unmarked
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Faston connectors 2.8 x 0.5 mm

Complementary

CAD overall width	0.71 in (18 mm)
CAD overall height	0.71 in (18 mm)
CAD overall depth	2.24 in (57 mm)
Terminals description ISO n°1	(13-14)NO (21-22)NC
Net Weight	0.05 lb(US) (0.022 kg)
Operating position	Any position
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	0.04 In (1 mm) NO changing electrical state) 0.08 In (2 mm) NC changing electrical state) 0.14 in (3.5 mm) total travel)
Operating force	3.5 N NO changing electrical state 4.5 N NC changing electrical state
Mechanical durability	2000000 cycles
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse gG
[Ui] rated insulation voltage	250 V 3)EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV EN/IEC 60947-1
[Ie] rated operational current	3 A 120 V, AC-15, B300 EN/IEC 60947-5-1 1.5 A 240 V, AC-15, B300 EN/IEC 60947-5-1 0.1 A 250 V, DC-13, R300 EN/IEC 60947-5-1 0.22 A 125 V, DC-13, R300 EN/IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability	Λ = 10exp(-8) 5 V 1 mA with confidence level of 90 % IEC 60947-5-4

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Electrical shock protection class	Class II IEC 61140
IP degree of protection	IP65 IEC 60529
NEMA degree of protection	NEMA 13 UL 50 NEMA 4 UL 50 NEMA 4X UL 50 NEMA 13 CSA C22.2 No 94 NEMA 4 CSA C22.2 No 94 NEMA 4X CSA C22.2 No 94
Standards	UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 JIS C 852 EN/IEC 60947-5-5 JIS C 4520 EN/IEC 60947-1
Product Certifications	GOST[RETURN]CSA[RETURN]CCC[RETURN]UL
Vibration resistance	+/- 3 mm 2…500 Hz)IEC 60068-2-6 5 gn 2…500 Hz)IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	22459-PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	3389110764284
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.79 in (2.0 cm)
Package 1 Width	2.36 in (6.0 cm)
Package 1 Length	4.33 in (11.0 cm)
Package 1 Weight	0.49 oz (14.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	60
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	2.22 lb(US) (1.007 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: 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
China RoHS Regulation	China RoHS Declaration

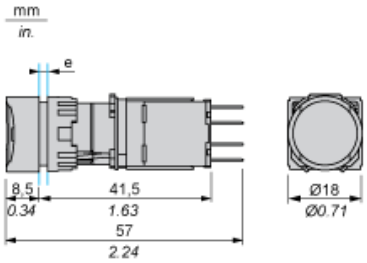
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

Circular Head Pushbutton

Dimensions



e panel thickness 1 to 6 mm/0.03 to 0.23 in.

Panel Cut-out

For Square or Circular Head