

Product data sheet

Characteristics

XB6CF1B1B

white square flush complete illum pushbutton
 Ø16 latching 1NO 12...24V

Product availability: Non-Stock - Not normally stocked in distribution facility

Main



Range of product	Harmony XB6
Product or component type	Complete illuminated 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	Square
Type of operator	Latching
Operator profile	White flush unmarked
Contacts type and composition	1 NO
Contact operation	Slow-break
Connections - terminals	Faston connectors (2.8 x 0.5 mm)
Light source	LED
Bulb base	Integral LED
[Us] rated supply voltage	12...24 V AC/DC

Complementary

Height	0.71 in (18 mm)
Width	0.71 in (18 mm)
Depth	2.24 in (57 mm)
Terminals description ISO n°1	(13-14)NO
Product weight	0.06 lb(US) (0.025 kg)
Operating position	Any position
Positive opening	With positive opening conforming to EN/IEC 60947-5-1 appendix K
Operating travel	0.04 in (1 mm) (NO changing electrical state) 0.14 in (3.5 mm) (total travel)
Operating force	3.5 N (NO changing electrical state)
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse type gG
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[Uiimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 0.1 A at 250 V, DC-13, R300 conforming to EN/IEC 60947-5-1 0.22 A at 125 V, DC-13, R300 conforming to EN/IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13 at 230 V, operating rate: 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda = 10\exp(-8)$ at 5 V, 1 mA with confidence level of 90 % conforming to IEC 60947-5-4
Signalling type	Steady
Supply voltage limits	6...30 V AC/DC
Current consumption	15 mA
Surge withstand	Direct contact 1 kV conforming to IEC 61000-4-5 In free air 2 kV conforming to IEC 61000-4-5

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 conforming to IEC 61140
IP degree of protection	IP65 conforming to IEC 60529
NEMA degree of protection	NEMA 4 conforming to CSA C22.2 No 94 NEMA 13 conforming to CSA C22.2 No 94 NEMA 4X conforming to CSA C22.2 No 94 NEMA 13 conforming to UL 50 NEMA 4 conforming to UL 50 NEMA 4X conforming to UL 50
Standards	JIS C 852 JIS C 4520 EN/IEC 60947-5-5 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 EN/IEC 60947-1
Product certifications	UL CCC CSA GOST
Vibration resistance	+/- 3 mm (f = 2...500 Hz) conforming to IEC 60068-2-6 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27
Resistance to fast transients	2 kV conforming to IEC 61000-4-4
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) conforming to IEC 61000-4-3
Resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2
Electromagnetic emission	Class B conforming to IEC 55011

Ordering and shipping details

Category	22459 - PUSHBUTTONS, 16MM
Discount Schedule	CS2
GTIN	00785901356943
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20000000000000001
Returnability	N
Country of origin	MX

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
-----------------	-----------