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Product data sheet
Characteristics

ZB6ZB45B
Complete body for illuminated push button, Harmony XB6, red light block, with body/fixing collar, integral LED, 12...24V, 1NO + 1NC



Main

Range of product	Harmony XB6
Product or component type	Complete body for illuminated push-button
Device short name	ZB6
Fixing collar material	Plastic
Sale per indivisible quantity	1
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break
Connections - terminals	Faston connector, connection size: 2.8 x 0.5 mm
Light source	LED
Bulb base	Integral LED
Light source colour	Red
[Us] rated supply voltage	12...24 V AC/DC

Complementary

CAD overall width	24 Mm
CAD overall height	18 Mm
CAD overall depth	51 Mm
Terminals description ISO n°1	(11-12)NC
Net weight	0.009 Kg
Contacts usage	Standard
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	1 Mm (NC changing electrical state) 2 Mm (NO changing electrical state) 4.3 Mm (total travel)
Operating force	1.6 N NO changing electrical state 2.5 N NC changing electrical state
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	250 V (pollution degree 3) conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	4 KV conforming to EN/IEC 60947-1
[Ie] rated operational current	3 A at 120 V, AC-15, B300 1.5 A at 240 V, AC-15, B300 0.1 A at 250 V, DC-13, R300 0.22 A at 125 V, DC-13, R300

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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Electrical durability	1000000 Cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability	Λ = 10exp(-8) at 5 V and 1 mA with confidence level of 90 % conforming to EN/IEC 60947-5-4
Signalling type	Steady
Supply voltage limits	6…30 V AC/DC
Current consumption	15 mA
Surge withstand	1 KV direct contact conforming to IEC 61000-4-5 2 KV in free air conforming to IEC 61000-4-5

Environment

Protective treatment	TC
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-25…70 °C
Electrical shock protection class	Class II conforming to IEC 61140
Standards	CSA C22.2 No 14 JIS C 852 EN/IEC 60947-1 UL 508 EN/IEC 60947-5-5 EN/IEC 60947-5-1 JIS C 4520
Product certifications	GOST CCC UL CSA
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) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for 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	10 V/M conforming to IEC 61000-4-3
Resistance to electrostatic discharge	6 KV on contact (on metal parts) conforming to IEC 61000-2-6 8 KV in free air (in insulating parts) conforming to IEC 61000-2-6
Electromagnetic emission	Class B conforming to IEC 55011

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 Cm
Package 1 Width	11.0 Cm
Package 1 Length	16.0 Cm
Package 1 Weight	11.0 G
Unit Type of Package 2	S01
Number of Units in Package 2	80
Package 2 Height	15.0 Cm
Package 2 Width	15.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	1.062 Kg

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Offer Sustainability

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

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised