



Main

Range of product	Harmony XB4 Harmony XB5
Product or component type	Contact block
Device short name	ZBE
Sale per indivisible quantity	5
IP degree of protection	IP20 IEC 60529
Contacts type and composition	1 NO
Contact operation	Early make
Contact block type	Single
Contacts usage	Staggered contacts
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN 60947-1

Complementary

Net Weight	0.02 lb(US) (0.011 kg)
Positive opening	Without
Operating travel	2.6 Mm (NO changing electrical state) 4.3 mm (total travel)
Operating force	2.3 N NO changing electrical state
Mechanical durability	10000000 cycles
Tightening torque	0.8...1.2 N.m conforming to EN 60947-1
Shape of screw head	Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat $\varnothing 4$ mm screwdriver Slotted compatible with flat $\varnothing 5.5$ mm screwdriver
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN 60947-1
[Ie] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 6 A 120 V, AC-15, A300 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q300 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 EN/IEC 60947-5-1
Electrical durability	1000000 Cycles, AC-15, 2 A at 230 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A at 120 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 4 A at 24 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0.2 A at 110 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate $< 3600 \text{ cyc/h}$, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-7)$, 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$, 5 mA in clean environment EN/IEC 60947-5-4

Mounting of block	Front mounting
Electrical composition code	C1 9) C2 7) C3 6) C4 4) C5 5) C6 3) C7 4) C8 2) C9 3) C12 6) M1 6) M2 4) M3 4) M5 2) M6 2) M7 6) M8 4) M9 2) SF1 3) SF2 2) MF1 2) MF2 2) C10 2) M4 2) C13 1)

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Standards	UL 508 EN/IEC 60947-5-4 EN/IEC 60947-1 JIS C8201-5-1 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1
Product certifications	DNV GOST BV UL CCC GL RINA CSA LROS (Lloyds register of shipping)
Vibration resistance	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

Ordering and shipping details

Category	22469 - PUSHBUTTON,22MM ACCESSORIES-NEW
Discount Schedule	CS2
GTIN	00785901424895
Nbr. of units in pkg.	5
Package weight(Lbs)	0.02 lb(US) (0.01 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	0.04 in (0.1 cm)
Package 1 width	1.57 in (4 cm)
Package 1 Length	1.69 in (4.3 cm)
Unit Type of Package 2	BB1

Number of Units in Package 2	5
Package 2 Weight	1.80 oz (51 g)
Package 2 Height	1.57 in (4 cm)
Package 2 width	1.69 in (4.3 cm)
Package 2 Length	2.20 in (5.6 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	800
Package 3 Weight	19.56 lb(US) (8.873 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 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: 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
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
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