

Product data sheet

Specifications



Contact block, Harmony XB4 - ATEX D, single contact, gas protected contact, screw clamp terminals, 1NO

ZBE101GEX

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB4
Product or Component Type	Contact block
Device short name	ZBE
Sale per indivisible quantity	1
Contact operation	Standard
Contact block type	Single
Contacts usage	Gas protected contact
Connections - terminals	Screw clamp terminals, 2 x 1.5 mm² without cable end Screw clamp terminals, 1 x 2.5 mm² with cable end

Complementary

CAD overall width	1.5 in (38 mm)
CAD overall height	0.4 in (10 mm)
CAD overall depth	1.7 in (42.4 mm)
Product Weight	0.040 lb(US) (0.018 kg)
Marking	Ex db eb IIC Gb
Contacts type and composition	1 NO
Positive opening	Without
Operating travel	0.065 in (1.657 mm) engagement point 0.182 in (4.622 mm) changing state point 0.175 in (4.452 mm) total travel)
Operating force	3.962 N
Mechanical durability	1000000 cycles
Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
[Ith] conventional free air thermal current	10 A IEC 60947-5-1
[Ui] rated insulation voltage	415 V
[Ie] rated operational current	1.9 A 380 V, AC, A600 IEC 60947-5-1 3 A 240 V, AC, A600 IEC 60947-5-1 6 A 120 V, AC, A600 IEC 60947-5-1 0.27 A 250 V, DC, Q300 IEC 60947-5-1 0.55 A 125 V, DC, Q300 IEC 60947-5-1 2.87 A 24 V, DC, Q300 IEC 60947-5-1
Mounting of block	Front mounting

Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Protective treatment	TH
Ambient Air Temperature for Storage	-58...158 °F (-50...70 °C)
Ambient Air Temperature for Operation	-58...167 °F (-50...75 °C)
Standards	EN/IEC 60079-7 EN/IEC 60079-0 EN/IEC 60079-1 EN/IEC 60079-31 UL 60079-31 UL 60079-0 CSA C22.2 No 213 UL 60079-1 ANSI/ISA 12.12.01
Product Certifications	cULus
Environmental characteristic	Hazardous location class I division 2

Ordering and shipping details

Category	US10CS222465
Discount Schedule	0CS2
GTIN	3606489486112
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.394 in (1.000 cm)
Package 1 Width	4.528 in (11.500 cm)
Package 1 Length	5.906 in (15.000 cm)
Package weight(Lbs)	1.552 oz (44.000 g)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	0.2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Average percentage of recycled plastic content	23 %
Average percentage of recycled metal content	13 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	98
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

