Product data sheet

Specifications

Double contact block, Harmony XB4, silver alloy, screw clamp terminal, 2NC

ZBE204

Product availability: Stock - Normally stocked in distribution facility

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
Contact operation	Slow-break
Contact block type	Double
Contacts usage	Standard contacts
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1

Complementary

Net Weight	0.04 lb(US) (0.02 kg)
Contacts type and composition	2 NC
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	3.4 N NC changing electrical state
Mechanical durability	10000000 cycles
Tightening torque	7.08…10.6 lbf.in (0.8…1.2 N.m) IEC 60947-1
Shape of screw head	Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1
[Ith] conventional free air thermal current	10 A IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1
[Ie] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1

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

Electrical durability	1000000 cycles, AC-15, 1 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 1.5 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
	1000000 cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.15 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
	1000000 cycles, DC-13, 0.4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Mounting of block	Front mounting
Electrical composition code	C2 3)
	C4 2)
	C6 2)
	C8 1)
	C10 2)
	C13 3)
	M2 2)
	M4 2)
	M8 2)
Device presentation	Basic element

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	IEC 60947-5-1
	CSA C22.2 No 14
	JIS C8201-5-1
	IEC 60947-5-4
	IEC 60947-1
	UL 508
	JIS C8201-1
Product Certifications	CCC
	CSA
	BV
	DNV
	LROS (Lloyds register of shipping)
	UL
	GOST
Vibration resistance	5 gn (f= 2…500 Hz) conforming to 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	US10CS222469
Discount Schedule	0CS2
GTIN	3389110119206
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.39 in (1.000 cm)
Package 1 Width	1.34 in (3.400 cm)
Package 1 Length	2.05 in (5.200 cm)
Package weight(Lbs)	0.600 oz (17.000 g)
Unit Type of Package 2	BB1

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Number of Units in Package 2	5
Package 2 Height	2.17 in (5.500 cm)
Package 2 Width	2.09 in (5.300 cm)
Package 2 Length	2.24 in (5.700 cm)
Package 2 Weight	3.316 oz (94.000 g)
Unit Type of Package 3	S02
Number of Units in Package 3	400
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	17.031 lb(US) (7.725 kg)

Contractual warranty

Warranty	18 months

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

Carbon footprint (kg CO2 eq, Total Life cycle)	**1**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
REACh Regulation	**REACh Declaration**
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 Again

Repack and remanufacture

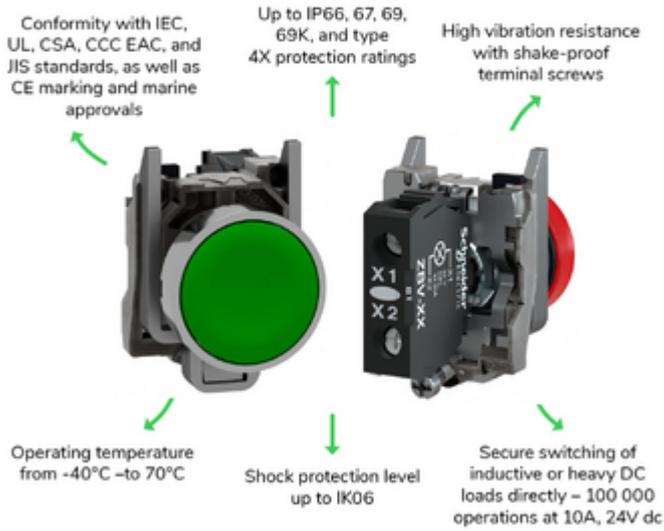|	
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

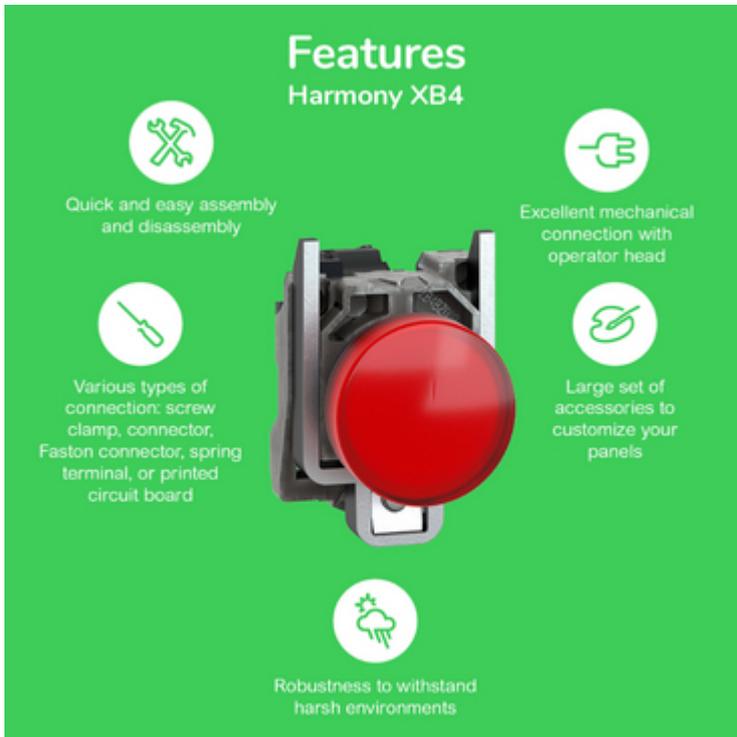Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Harmony XB4

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws

Operating temperature from -40°C –to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative