Product data sheet

Specifications



Single contact block, Harmony XB4, Hamony XB5, silver alloy, compact push in terminals, 1 NC

ZBE1025

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB5 Harmony XB4
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	Single
Contacts usage	Standard contacts
Connections - terminals	Push-in, <= 2 x 1.5 mm² with wire end ferrule IEC 60947-1 Push-in, >= 1 x 0.34 mm² without wire end ferrule IEC 60947-1

Complementary

CAD overall width	1.4 in (34.3 mm)
CAD overall height	0.6 in (14.8 mm)
CAD overall depth	0.4 in (9.8 mm)
Product Weight	0.011 lb(US) (0.005 kg)
Contacts type and composition	1 NC
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.048 in (1.217 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	2.25 N NC changing electrical state
Mechanical durability	10000000 cycles
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	300 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
[Ie] rated operational current	6 A 120 V, AC-15, A300 IEC 60947-5-1 3 A 240 V, AC-15, A300 IEC 60947-5-1 0.55 A 125 V, DC-13, Q300 IEC 60947-5-1 0.27 A 250 V, DC-13, Q300 IEC 60947-5-1
Mounting of block	Front mounting
Device presentation	Basic element

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

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 60947-1 IEC 60947-5-1 IEC 60947-5-4 IEC 60947-5-5 UL 60947-1 UL 60947-5-1 UL 60947-5-5 UL 1059 UL 486E CSA C22.2 No 60947-1 CSA C22.2 No 60947-5-1 CSA C22.2 No 158 CSA C22.2 No 65 IACS E10
Product Certifications	EAC IECEE CB Scheme CCC UL CSA
Vibration resistance	5 gn (f= 10…500 Hz) conforming to IEC 60068-2-6 25 mm peak to peak (f= 2…10 Hz) conforming to IEC 60068-2-6
Shock resistance	25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27 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	3389119037433
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	0.748 in (1.900 cm)
Package 1 Length	1.378 in (3.500 cm)
Package weight(Lbs)	0.176 oz (5.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	1.339 in (3.400 cm)
Package 2 Width	1.772 in (4.500 cm)
Package 2 Length	2.087 in (5.300 cm)
Package 2 Weight	1.129 oz (32.000 g)
Unit Type of Package 3	S02
Number of Units in Package 3	500

Package 3 Height	5.906 in (15.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	7.509 lb(US) (3.406 kg)

Contractual warranty

Warranty (in months)	18

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	**0.1 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.**

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	**Yes**
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**

Use Again

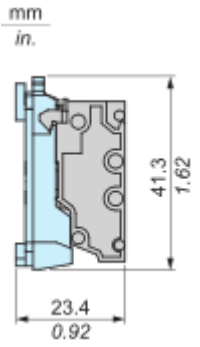
Repack and remanufacture

Recyclability potential, in %	**50**
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.**

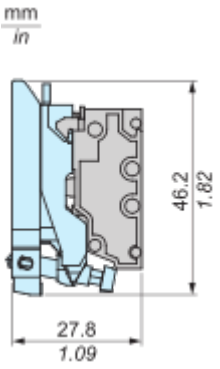
Dimensions Drawings

Dimensions

with ZB5AZ009 Fixing Collar



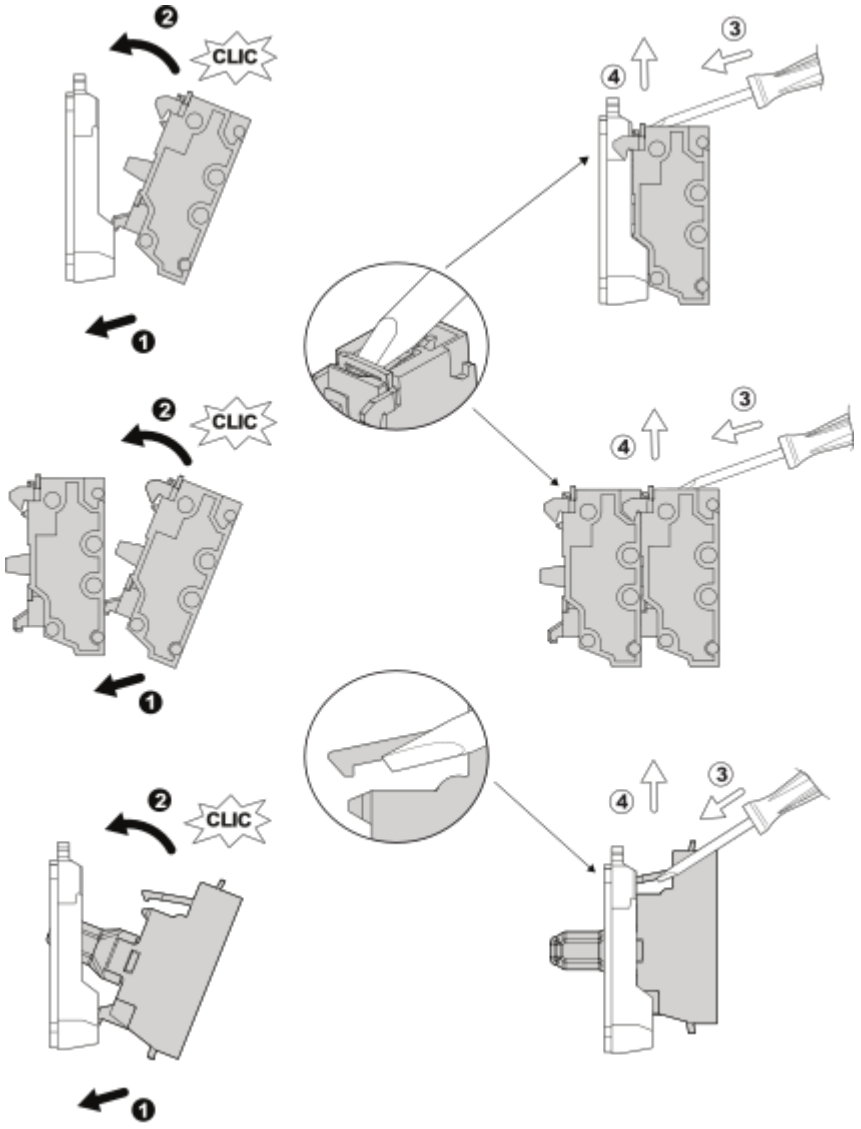
with ZB4BZ009 Fixing Collar



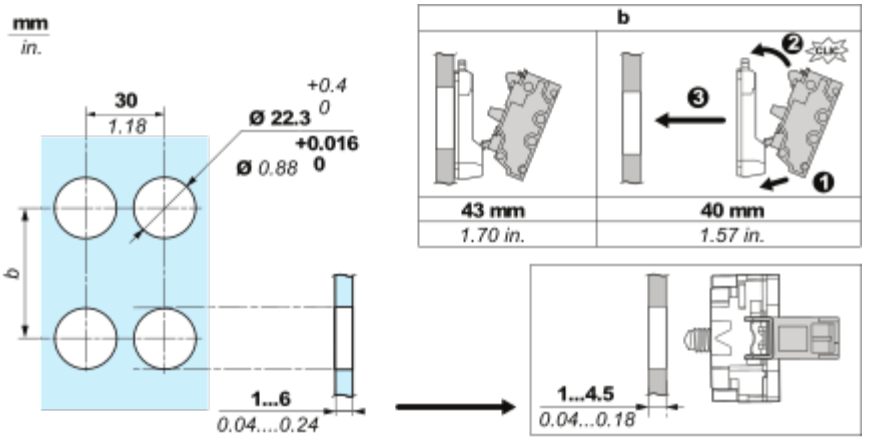
Mounting and Clearance

Mounting

Mounting and Unmounting



Panel cut-out Dimension

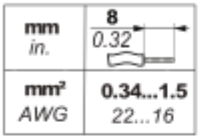

mm
in.
30
1.18
+0.4
Ø 22.3 0
+0.016
Ø 0.88 0
b
1...6
0.04....0.24
b
43 mm
1.70 in.
40 mm
1.57 in.
1...4.5
0.04...0.18

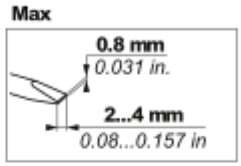
Connections and Schema

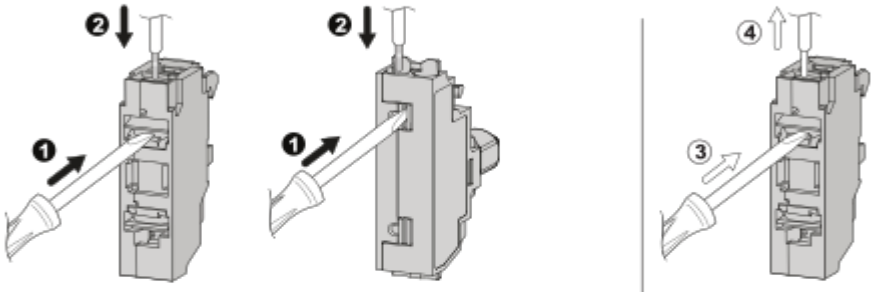
Wiring

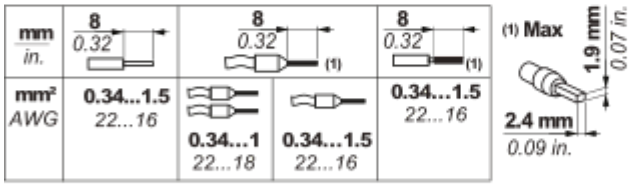
Wiring and Unwiring

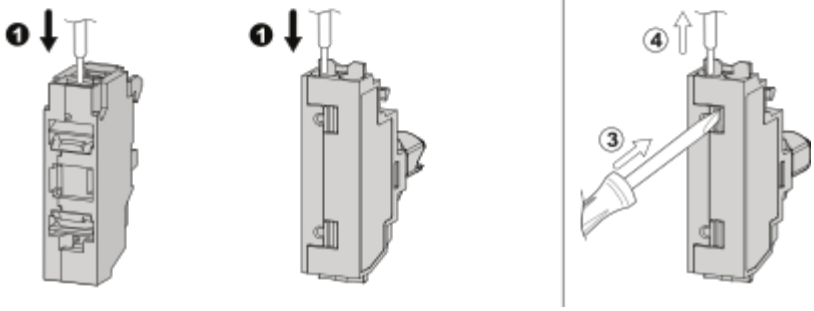






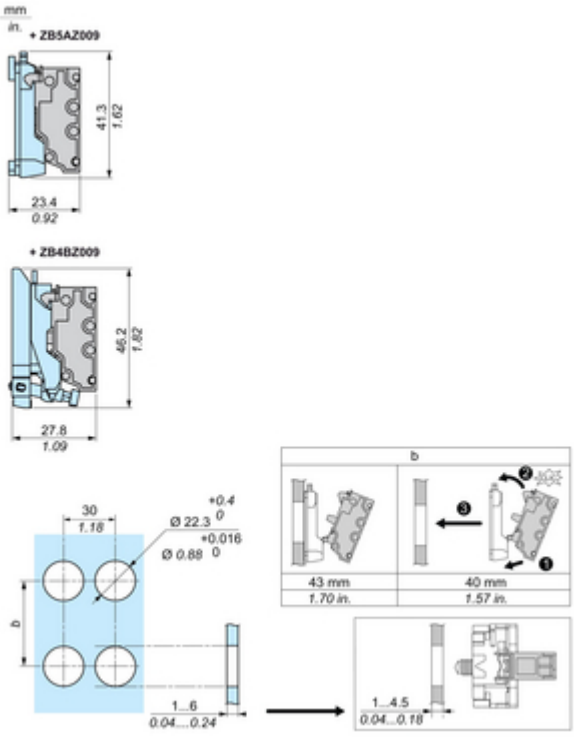






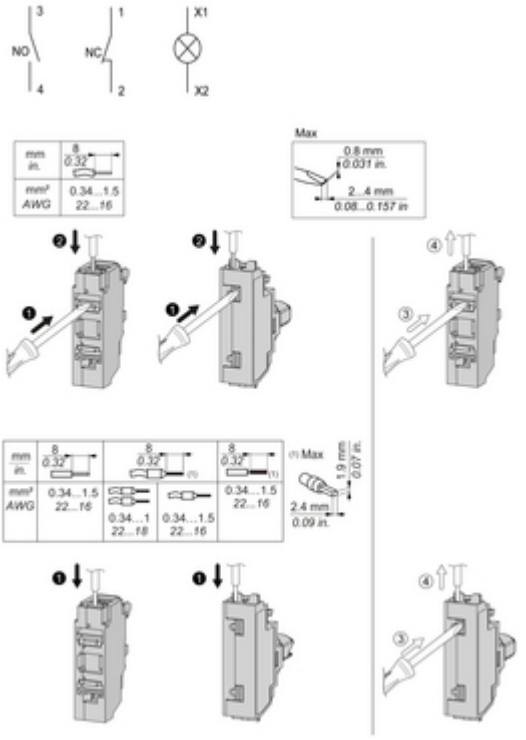
Technical Illustration

Dimensions



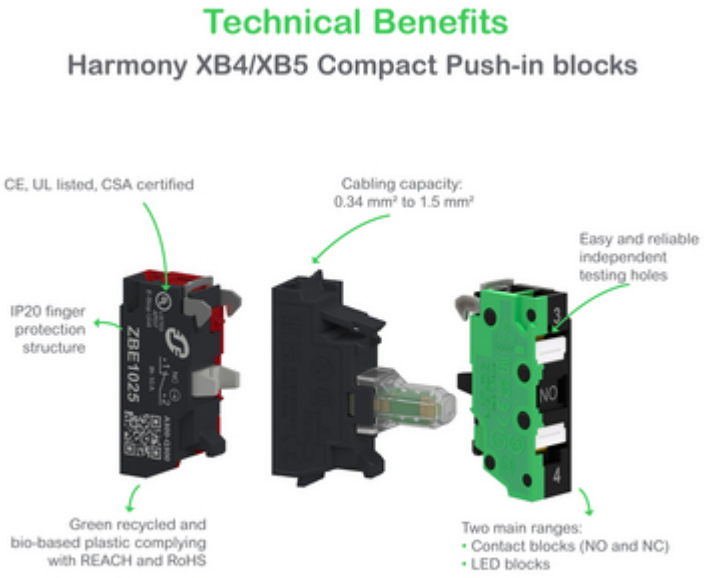
Technical Illustration

Wiring diagram



Offer Marketing Illustration

Product benefits / Features



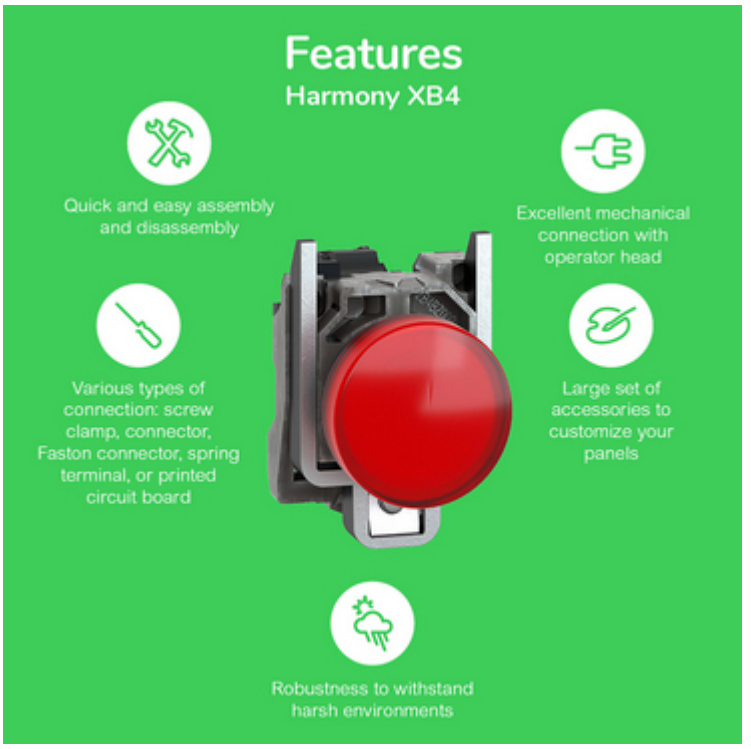
Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

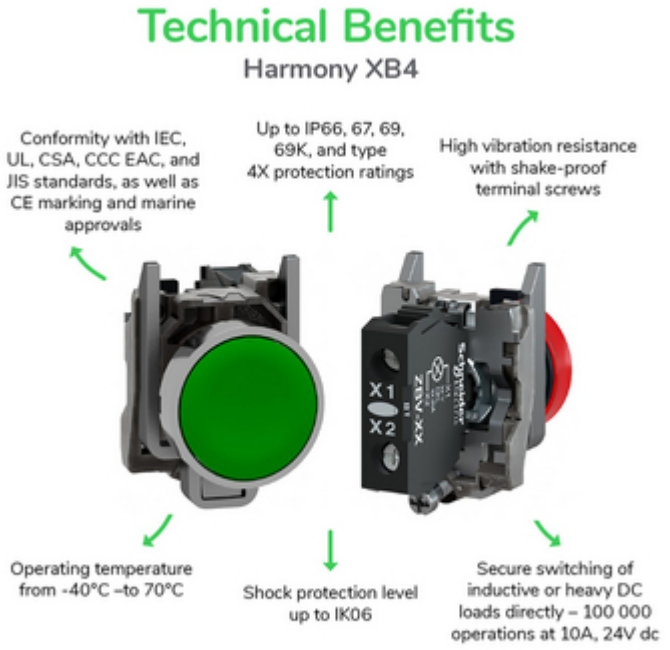
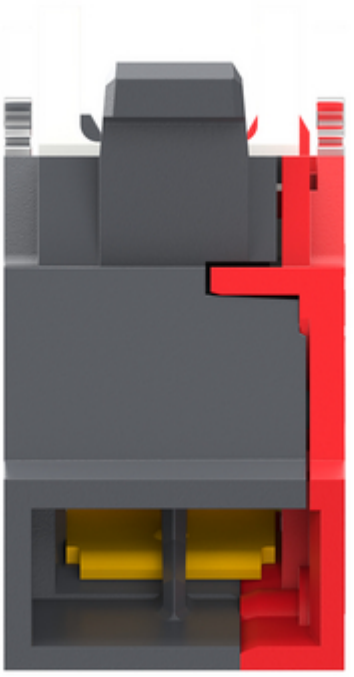
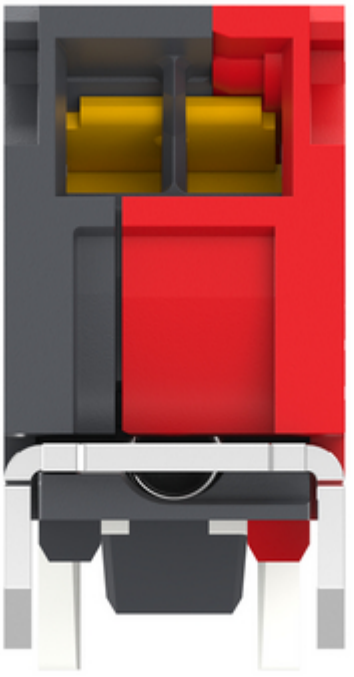


Image of product / Alternate images

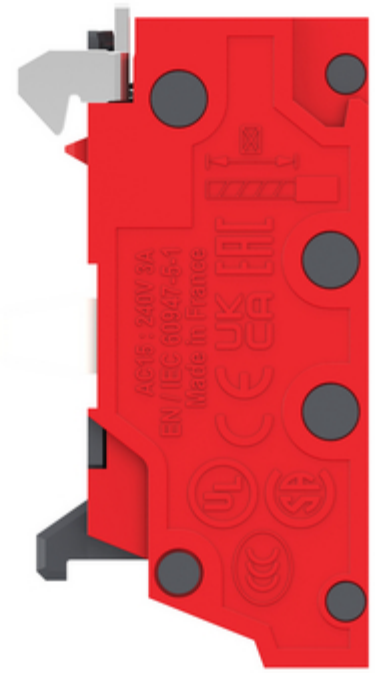
Alternative






1
NC
2




AC15 : 240V 3A
EN / IEC 60947-5-1
Made in France


LISTED
4PD7
E-Stop Unit
ZBE1025
NC
Ith 10 A
A300-Q300