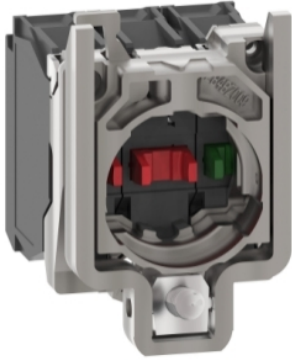


ZB4BZ102TQ

Complete body/contact assembly, Harmony XB4, single contact, with body/fixing collar, 1NC, set of 100



Main

Range of Product	Harmony XB4
Product or Component Type	Complete body/contact assembly
Device short name	ZB4
Fixing collar material	Zamak
Sale per indivisible quantity	100
Head type	Standard
Contacts type and composition	1 NC
Contact operation	Slow-break
Contact block type	Single
Device Composition	Fixing collar Body
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1 Screw clamp terminals, $>= 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1

Complementary

Contacts usage	Standard contacts
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state 0.17 in (4.3 mm) total travel)
Operating force	2 N NC changing electrical state
Mechanical durability	5000000 cycles
Tightening torque	7.08... 10.62 lbf.in (0.8... 1.2 N.m) EN 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat $\varnothing 4 \text{ mm}$ Slotted flat $\varnothing 5.5 \text{ mm}$
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[I _{th}] conventional free air thermal current	10 A EN/IEC 60947-5-1
[U _i] rated insulation voltage	600 V 3)EN 60947-1
[U _{imp}] rated impulse withstand voltage	6 kV EN 60947-1
[I _e] rated operational current	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1
Electrical durability	10000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 10000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 10000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 10000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 10000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-6)$ 5 V, 1 mA in clean environment EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 17 V, 5 mA in clean environment EN/IEC 60947-5-4

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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)
IP degree of protection	IP20 IEC 60529
Standards	JIS C8201-5-1 EN/IEC 60947-5-5 UL 508 EN/IEC 60947-5-4 EN/IEC 60947-5-1 EN/IEC 60947-1 CSA C22.2 No 14 JIS C8201-1
Product Certifications	BV DNV LROS (Lloyds register of shipping) UL CSA GL
Vibration resistance	5 gn 2...500 Hz)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	22468-PUSHBUTTONS,22MM(METAL) NEW
Discount Schedule	CS2
GTIN	3389110883305
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.26 in (3.200 cm)
Package 1 Width	1.50 in (3.800 cm)
Package 1 Length	1.89 in (4.800 cm)
Package 1 Weight	1.66 oz (47.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	11.13 lb(US) (5.049 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	1600
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	195.74 lb(US) (88.784 kg)

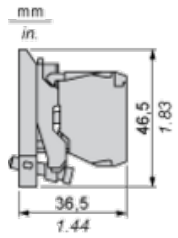
Offer Sustainability

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
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.

Contractual warranty

Warranty	18 months
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Dimensions



Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
	
<p>(1) Diameter on finished panel or support</p> <p>(2) 40 mm min. / 1.57 in. min.</p> <p>(3) 30 mm min. / 1.18 in. min.</p> <p>(4) $\text{Ø } 22.5 \text{ mm} / 0.89 \text{ in. recommended } (\text{Ø } 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016})$</p> <p>(5) 45 mm min. / 1.78 in. min.</p> <p>(6) 32 mm min. / 1.26 in. min.</p>	