

Product data sheet

Specifications



Harmony, 22mm Push Button, contact block, panel mount, 1 NO, screw clamp terminal

ZENL1111

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XAL Harmony XAPS
Product or Component Type	Contact block
Device short name	ZENL
Product destination	For XB5 Ø 22 mm control and signalling units For XAPS control station
Mounting of block	Rear mounting
Sale per indivisible quantity	5
Contacts type and composition	1 NO

Complementary

Assembly style	For customer assembly
Net Weight	0.033 lb(US) (0.015 kg)
Contact operation	Slow-break
Positive opening	Without
Operating travel	0.1 in (2.6 mm) NO changing electrical state 0.2 in (4.3 mm) total travel)
Operating force	2.3 N NO changing electrical state
Operating torque	0.44 lbf.in (0.05 N.m) NO changing electrical state
Mechanical durability	10000000 cycles
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end IEC 60947-1
Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Maximum resistance across terminals	25 MOhm
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

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

[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
Electrical durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-6)$ 5 V 1 mA in clean environment IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ 17 V 5 mA IEC 60947-5-4
Additional information	Mounting on integrated plate in the box
Electrical composition code	SR1 3) SR2 2) MR1 2)

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	IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-1 UL 508 IEC 60947-5-5 JIS C8201-5-1 IEC 60947-5-4 JIS C8201-1
Vibration resistance	5 gn (f= 12...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	US10CS222475
Discount Schedule	0CS2
GTIN	3389110115079
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.39 in (1.000 cm)
Package 1 Width	1.30 in (3.300 cm)
Package 1 Length	1.26 in (3.200 cm)
Package 1 Weight	0.317 oz (9.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5

Package 2 Height	2.17 in (5.500 cm)
Package 2 Width	2.17 in (5.500 cm)
Package 2 Length	1.77 in (4.500 cm)
Package 2 Weight	1.799 oz (51.000 g)
Unit Type of Package 3	BB1
Number of Units in Package 3	5
Package 3 Height	2.17 in (5.500 cm)
Package 3 Width	2.17 in (5.500 cm)
Package 3 Length	1.77 in (4.500 cm)
Package 3 Weight	1.799 oz (51.000 g)

Contractual warranty

Warranty	18 months
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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

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)

California proposition 65 **WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

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 XALD



Offer Marketing Illustration

Product benefits / Features

Features Harmony XALD



 Full compatibility with the Ø 22 mm plastic push buttons, switches and pilot lights of the Harmony XB5 range

 Possibility to add up to 3 NO or NC contact blocks per operating head

 Complete, ready-to-install stations with 1 to 3 buttons for the most common functions

 Polycarbonate pre-drilled control stations

 Modular system and simple to cable universal range

Image of product / Alternate images

Alternative





