Product datasheet

Specifications

Green Premium™

Contact block, Harmony XAL, XAPS, single contact, silver alloy, rear mounting, screw clamp terminal, 1NO

ZENL1111TQ

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	100
Contacts Type And Composition	1 NO

Complementary

Assembly Style	For customer assembly
Contact Operation	Slow-break
Positive Opening	Without
Operating Travel	2.6 mm (NO changing electrical state) 4.3 mm (total travel)
Operating Force	2.3 N NO changing electrical state
Operating Torque	0.05 N.m NO changing electrical state
Mechanical Durability	10000000 cycles
Connections - Terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end conforming to IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end conforming to IEC 60947-1
Tightening Torque	0.8…1.2 N.m conforming to IEC 60947-1
Shape Of Screw Head	Cross compatible with Philips no 1 screwdriver Cross compatible with pozidriv No 1 screwdriver Slotted compatible with flat Ø 4 mm screwdriver Slotted compatible with flat Ø 5.5 mm screwdriver
Contacts Material	Silver alloy (Ag/Ni)
Maximum Resistance Across Terminals	25 MOhm
Short-Circuit Protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1
[Ith] Conventional Free Air Thermal Current	10 A conforming to IEC 60947-5-1
[Ui] Rated Insulation Voltage	600 V (pollution degree 3) conforming to IEC 60947-1
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-1

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

[Ie] Rated Operational Current	3 A at 240 V, AC-15, A600 conforming to IEC 60947-5-1 6 A at 120 V, AC-15, A600 conforming to IEC 60947-5-1 0.1 A at 600 V, DC-13, Q600 conforming to IEC 60947-5-1 0.27 A at 250 V, DC-13, Q600 conforming to IEC 60947-5-1 0.55 A at 125 V, DC-13, Q600 conforming to IEC 60947-5-1 1.2 A at 600 V, AC-15, A600 conforming to IEC 60947-5-1
Electrical Durability	1000000 cycles, AC-15, 2 A at 230 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A at 120 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A at 110 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A at 24 V, operating rate <3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Electrical Reliability	Λ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to IEC 60947-5-4 Λ < 10exp(-8) at 17 V and 5 mA conforming to IEC 60947-5-4
Additional Information	Mounting on integrated plate in the box
Electrical Composition Code	SR1 (quantity <= 3) SR2 (quantity <= 2) MR1 (quantity <= 2)

Environment

Protective Treatment	TH
Ambient Air Temperature For Storage	-40…70 °C
Ambient Air Temperature For Operation	-40…70 °C
Ip Degree Of Protection	IP20 conforming to IEC 60529
Standards	IEC 60947-5-1 IEC 60947-1 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-4 IEC 60947-5-5 UL 508 JIS C8201-1
Vibration Resistance	5 gn (f= 12…500 Hz) conforming to IEC 60068-2-6
Shock Resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.4 cm
Package 1 Width	5.6 cm
Package 1 Length	4.4 cm
Package 1 Weight	15.0 g
Unit Type Of Package 2	CAR
Number Of Units In Package 2	100
Package 2 Height	5.4 cm
Package 2 Width	5.6 cm
Package 2 Length	4.4 cm

Package 2 Weight	200.0 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information