

ZENL1121

single contact block for head Ø22 1NC screw clamp terminal

Product availability: Stock - Normally stocked in distribution facility



Main

Commercial Status	Commercialised
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 NC

Complementary

Assembly style	For customer assembly
Product weight	0.03 lb(US) (0.015 kg)
Contacts operation	Slow-break
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	0.17 in (4.3 mm) (total travel) 0.06 in (1.5 mm) (NC changing electrical state)
Operating force	2 N (NC changing electrical state)
Connections - terminals	Screw clamp terminals $\geq 1 \times 0.22 \text{ mm}^2$ without cable end conforming to EN/IEC 60947-1 Screw clamp terminals $\leq 2 \times 1.5 \text{ mm}^2$ with cable end conforming to EN/IEC 60947-1
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m) conforming to EN 60947-1
Shape of screw head	Slotted, flat Ø 5.5 mm Slotted, flat Ø 4 mm Cross, pozidriv No 1 Cross, Philips no 1
Contacts material	Silver alloy (Ag/Ni)
Resistance across terminals	$\leq 25 \text{ MOhm}$
Short circuit protection	10 A cartridge fuse, gG conforming to EN/IEC 60947-5-1
[I _{th}] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[U _i] rated insulation voltage	600 V, degree of pollution: 3 conforming to EN/IEC 60947-1
[U _{imp}] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
[I _e] rated operational current	1.2 A at 600 V AC-15, A600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V DC-13, Q600 conforming to EN/IEC 60947-5-1 6 A at 120 V AC-15, A600 conforming to EN/IEC 60947-5-1 3 A at 240 V AC-15, A600 conforming to EN/IEC 60947-5-1
Electrical durability	1000000 cycles DC-13 at 0.5 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 at 0.2 A 110 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 4 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 3 A 120 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 2 A 230 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	$\Lambda < 10\text{exp}(-6)$ at 5 V and 1 mA in clean environment conforming to EN/IEC 60947-5-4 $\Lambda < 10\text{exp}(-8)$ at 17 V and 5 mA conforming to 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.

Additional information	Mounting on integrated plate in the box
Electrical composition code	MR1 (quantity <= 2) SR2 (quantity <= 2) SR1 (quantity <= 3)

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
IP degree of protection	IP20 conforming to IEC 60529
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 JIS C 4520 UL 508 CSA C22.2 No 14
Vibration resistance	5 gn (f = 12...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (11 ms half sine wave acceleration) conforming to IEC 60068-2-27 30 gn (18 ms half sine wave acceleration) conforming to IEC 60068-2-27

Ordering and shipping details

Category	22475 - WALL STATIONS
Discount Schedule	CS2
GTIN	00785901377511
Nbr. of units in pkg.	5
Package weight(Lbs)	0.02
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Contractual warranty

Period	18 months
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