## **ZENL1111**

## single contact block for head Ø22 1NO screw clamp terminal



## Main

Harmony XAL Harmony XAPS
Contact block
ZENL
For XB5 Ø 22 mm control and signalling units For XAPS control station
Rear mounting
5
1 NO

Complementary

Complementary	
Assembly style	For customer assembly
Product weight	0.015 kg
Contacts operation	Slow-break
Positive opening	Without
Operating travel	4.3 mm (total travel) 2.6 mm (NO changing electrical state)
Operating force	2.3 N (NO changing electrical state)
Operating torque	0.05 N.m (NO changing electrical state)
Connections - terminals	Screw clamp terminals >= 1 x 0.22 mm² without cable end conforming to EN/IEC 60947-1 Screw clamp terminals <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1
Tightening torque	0.81.2 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	<= 25 MOhm
Short circuit protection	10 A cartridge fuse, gG conforming to EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V, degree of pollution: 3 conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
[le] 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	$\Lambda$ < 10exp(-6) at 5 V and 1 mA in clean environment conforming to EN/IEC

60947-5-4

 $\Lambda$  < 10exp(-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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in 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)	

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-2570 °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 = 12500 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

