

Product data sheet

Characteristics

ZC1BM101

kontaktni blok za tipkalo ZC1 - priključci s vijčanim stezaljkama



Main

Range of product	Harmony XB4
Product or component type	Contact block
Device short name	ZC1
Sale per indivisible quantity	1
IP degree of protection	IP00 IEC 60529
Contacts type and composition	1 NC
Contact operation	Slow-break
Contacts usage	Standard
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN 60947-1

Complementary

CAD overall width	18 mm
CAD overall height	42 mm
CAD overall depth	21 mm
Connections - terminals	Screw clamp terminals
Net weight	0,02 kg
Positive opening	With
Operating travel	2,6 Mm NO changing electrical state) 4,3 mm total travel)
Operating force	2,3 N NO changing electrical state
Mechanical durability	1200000 cycles
Tightening torque	0,8...1,2 N.m EN 60947-1
Shape of screw head	Slotted flat Ø 4 mm Cross pozidriv No 1 Slotted flat Ø 5.5 mm Cross Philips no 1
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3)EN 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN 60947-1
[Ie] 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	1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 Cycles, DC-13, 0,2 A 110 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0,5 A 24 V 3600 cyc/h 0,5 EN/IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\text{exp}(-7)$ 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

Mounting of block	Front mounting
Additional information	Mounting on push-button collar

Environment

Protective treatment	TC
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-25...70 °C
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