

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 $\varnothing 4 \text{ mm}$ Cross pozidriv No 1 Slotted flat $\varnothing 5.5 \text{ mm}$ 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 |

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

Environment

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|---------------------------------------|--|
| 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 |