

ZCP21M12

limit switch body ZCP - compact - 1NO+1NC -
snap action - M12 4P



Main

| | |
|-------------------------------|---|
| Range of product | Osiswitch |
| Series name | Universal |
| Product or component type | Limit switch body |
| Device short name | ZCP |
| Body type | Fixed |
| Associated head | ZCE01 ZCE02 ZCE06 ZCE07 ZCE08 ZCE09 ZCE10 ZCE11 ZCE13 ZCE14 ZCE21 ZCE24 ZCE27 ZCE28 ZCE29 ZCE62 ZCE63 ZCE64 ZCE65 ZCE66 ZCE67 ZCEH0 ZCEH2 |
| Electrical connection | M12 male connector , 4 pins |
| Number of poles | 2 |
| Contacts type and composition | 1 NO + 1 NC |
| Contacts operation | Snap action |
| Contacts material | Silver plated contacts |
| Positive opening | With |

Complementary

| | |
|--|--|
| Design | Compact |
| Product compatibility | XCKD |
| Body material | Plastic |
| Contacts insulation form | Zb |
| Minimum actuation speed | 0.01 m/min |
| Contact code designation | B300 , AC-15 (Ue = 240 V , Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300 , DC-13 (Ue = 250 V , Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 |
| Resistance across terminals | < 25 mOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664 |
| Short circuit protection | 10 A by gG cartridge fuse |

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.

| | |
|-----------------------|---|
| Electrical durability | 5000000 cycles , DC-13 (Uc = 24 V), 10 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 48 V), 7 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C 5000000 cycles , DC-13 (Uc = 120 V), 4 W , load factor: 0.5 , operating rate: < 60 cyc/mn conforming to IEC 60947-5-1 appendix C |
| Width | 31 mm |
| Height | 65 mm |
| Depth | 30 mm |
| Product weight | 0.07 kg |

Environment

| | |
|---------------------------------------|-------------------|
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| RoHS EUR conformity date | 4Q2009 |
| RoHS EUR status | Will be compliant |