

# ZCKJ121H29

limit switch body ZCKJ - fixed - with display -  
1NC+1NO - snap action - M20



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC  |
| Series name                   | Standard format  |
| Product or component type     | Limit switch body  |
| Device short name             | ZCKJ   |
| Body type                     | Fixed  |
| Product compatibility         | XCKJ   |
| Associated head               | ZCKE05<br>ZCKE06<br>ZCKE08<br>ZCKE21<br>ZCKE23<br>ZCKE61<br>ZCKE619<br>ZCKE62<br>ZCKE629<br>ZCKE63<br>ZCKE64<br>ZCKE65<br>ZCKE66<br>ZCKE67 |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for M20 x 1.5 cable gland   |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO  |
| Contact operation             | Snap action  |
| Number of steps               | 1 1 position   |
| Contacts material             | Silver plated contacts   |

## Complementary

|  |   |
|--|---|
| Local display                                | With  |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm <sup>2</sup>  |
| Positive opening                             | With  |
| Minimum actuation speed                      | 0.01 m/min  |
| [Ie] rated operational current               | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A   |
| [Ithe] conventional enclosed thermal current | 10 A  |
| [Ui] rated insulation voltage                | 300 V conforming to CSA C22.2 No 14 contact block<br>300 V conforming to UL 508 contact block<br>50 V conforming to IEC 60947-1 indicator light module<br>500 V degree of pollution 3 conforming to IEC 60947-1 contact block   |
| Resistance across terminals                  | 0.25 mOhm conforming to IEC 60255-7 category 3  |
| [Uimp] rated impulse withstand voltage       | 6 kV conforming to IEC 60664<br>6 kV conforming to IEC 60947-1  |
| Short-circuit protection                     | 10 A by gG cartridge fuse   |
| Electrical durability                        | 5000000 cycles, DC-13 120 V, 4 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 24 V, 10 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 48 V, 7 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |
| Electrical circuit type                      | Indicator light module 2 LED DC, 24 V (20...30 V) service life: 100000 h with reverse polarity protection   |

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|                               |                        |
|-------------------------------|------------------------|
| Width                         | 40 mm                  |
| Height                        | 77 mm                  |
| Depth                         | 44 mm                  |
| Product weight                | 0.31 kg                |
| Terminals description ISO n°1 | (13-14)NO<br>(21-22)NC |

## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP66  |
| IK degree of protection               | IK07  |
| Ambient air temperature for operation | 10...120 °C for high temperature<br>-40...70 °C for low temperature<br>-25...70 °C for standard environment |
| Ambient air temperature for storage   | -40...120 °C  |
| Environmental characteristic          | High temperature<br>Low temperature<br>Standard environment   |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 1103 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product end of life instructions | Need no specific recycling operations  |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|