

# Product data sheet

## Characteristics



# ZCKJ4104H7

limit switch body ZCKJ - rotary head w/o lever -  
plug-in - 2C/O - snap - 1/2"NPT

Product availability : Stock - Normally stocked in distribution facility



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XC                                      |
| Series name                   | Standard format                                  |
| Product or component type     | Limit switch body with spring return rotary head |
| Device short name             | ZCKJ   |
| Body type                     | Plug-in body                                     |
| Product compatibility         | XCKJ   |
| Body material                 | Metal  |
| Cable entry                   | 1 entry tapped for 1/2" NPT conduit              |
| Number of poles               | 2  |
| Contacts type and composition | 2 C/O  |
| Contact operation             | Snap action                                      |
| Number of steps               | 2 3 positions                                    |
| Contacts material             | Silver plated contacts                           |

### Complementary

|  |  |
|--|--|
| Switch actuation                             | From left and right  |
| Local display                                | Without  |
| Electrical connection                        | Screw-clamp terminals, clamping capacity: 1 x 0.75...2 x 1.5 mm <sup>2</sup>   |
| Positive opening                             | Without  |
| 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>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 |
| Width                                  | 1.57 in (40 mm)   |
| Height                                 | 3.03 in (77 mm)   |
| Depth                                  | 1.73 in (44 mm)   |
| Product weight                         | 0.68 lb(US) (0.31 kg)   |
| Terminals description ISO n°1          | (11-12)NC<br>(23-24)NO<br>(21-22)NC<br>(13-14)NO  |

## Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | IP66                                       |
| IK degree of protection               | IK07                                       |
| Ambient air temperature for operation | 50...248 °F (10...120 °C) high temperature |
| Ambient air temperature for storage   | 50...248 °F (10...120 °C)                  |
| Environmental characteristic          | High temperature                           |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901604563                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 1.0600000000000001              |
| Returnability         | N                               |
| Country of origin     | FR                              |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1440 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product end of life instructions | Need no specific recycling operations   |

## Contractual warranty

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