

### Main

|                              |   |
|------------------------------|---|
| Range of product             | OsiSense XC   |
| Series name                  | Basic   |
| Product or component type    | Limit switch  |
| Product specific application | Medium duty   |
| Device short name            | XCE   |
| Body type                    | Fixed   |
| Head type                    | Rotary head   |
| Material                     | Plastic and metal   |
| Fixing mode                  | By the body   |
| Movement of operating head   | Rotary  |
| Type of operator             | Spring return roller lever steel variable length                  |
| Switch actuation             | By 30° cam  |
| Type of approach             | Lateral approach, 2 directions                                    |
| Electrical connection        | Screw-clamp terminals, clamping capacity: 1 x 1.5 mm <sup>2</sup> |
| Cable entry                  | 1 flexible rubber cable gland, cable outer diameter: 6...9 mm     |
| Number of poles              | 2   |
| Contact operation            | Snap action   |
| Positive opening             | Without   |
| Maximum force for tripping   | 7.5 N   |

### Complementary

|   |   |
|---|---|
| Contacts insulation form                            | Za  |
| Minimum release force                               | 0.5 N   |
| Minimum actuation speed                             | 9 mm/s  |
| Maximum actuation speed                             | 1 m/s   |
| Maximum operating rate                              | 120 cyc/mn  |
| Contact code designation                            | A300, AC (U <sub>e</sub> = 240 V), I <sub>e</sub> = 3 A, I <sub>the</sub> = 10 A conforming to IEC 60947-5-1<br>R300, DC (U <sub>e</sub> = 220 V), I <sub>e</sub> = 0.3 A conforming to IEC 60947-5-1 |
| Maximum resistance across terminals                 | 25 MOhm   |
| [U <sub>imp</sub> ] rated impulse withstand voltage | 4 kV conforming to IEC 60664  |
| Electrical durability                               | 800000 cycles, AC, 3 A, 220 V   |
| Mechanical durability                               | 10000000 cycles   |
| Width   | 28 mm   |
| Height  | 125 mm  |
| Depth   | 48 mm   |
| Net weight  | 0.181 kg  |
| Terminals description ISO n°1                       | (3-4-1-2)OF   |


## Environment

|                                       |  |
|---------------------------------------|--|
| Shock resistance                      | 30 gn for 11 ms conforming to IEC 60068-2-27         |
| Vibration resistance                  | +/- 3 mm (f= 10...55 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection               | IP65 conforming to IEC 60529                         |
| Electrical shock protection class     | Class I conforming to IEC 60947-5-1                  |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -40...70 °C  |
| Marking                               | CE<br>CCC  |
| Standards                             | IEC 60947-5-1<br>GB 14048.5                          |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 3.500 cm   |
| Package 1 Width              | 5.000 cm   |
| Package 1 Length             | 13.500 cm  |
| Package 1 Weight             | 200.000 g  |
| Unit Type of Package 2       | S02        |
| Number of Units in Package 2 | 45         |
| Package 2 Height             | 15.000 cm  |
| Package 2 Width              | 30.000 cm  |
| Package 2 Length             | 40.000 cm  |
| Package 2 Weight             | 9.261 kg   |
| Unit Type of Package 3       | P06        |
| Number of Units in Package 3 | 720        |
| Package 3 Height             | 75.000 cm  |
| Package 3 Width              | 80.000 cm  |
| Package 3 Length             | 60.000 cm  |
| Package 3 Weight             | 156.176 kg |

## Offer Sustainability

|  |   |
|--|---|
| Packaging without single use plastic   | No  |
| Packaging made with recycled cardboard | No  |
| EU RoHS Directive                      | Pro-active compliance (Product out of EU RoHS legal scope)                              |
| Mercury free                           | Yes   |
| RoHS exemption information             |  Yes |
| Take-back                              | No  |