

Product Life Status : **END OF STANDARD SERVICE**

TODAY  
FEB 21, 2021

End of Commercialization  
JAN 06, 2021

End of Standard Service  
FEB 15, 2021



## Main

|                              |                                                                   |
|------------------------------|-------------------------------------------------------------------|
| Range of product             | OsiSense XC                                                       |
| Series name                  | Asie                                                              |
| Product or component type    | Limit switch                                                      |
| Product specific application | Medium duty                                                       |
| Device short name            | XCE                                                               |
| Body type                    | Fixed                                                             |
| Head type                    | Plunger head                                                      |
| Material                     | Plastic and metal                                                 |
| Fixing mode                  | By the body                                                       |
| Movement of operating head   | Linear                                                            |
| Type of operator             | Spring return plunger steel                                       |
| Switch actuation             | On end                                                            |
| Type of approach             | Vertical approach, 1 direction                                    |
| 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              | 1                                                                 |
| Contact operation            | Snap action                                                       |
| Positive opening             | Without                                                           |
| Maximum force for tripping   | 9 N                                                               |

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## Complementary

|                                     |                                                                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Contacts insulation form            | Za                                                                                                                                        |
| Minimum release force               | 1.5 N                                                                                                                                     |
| Maximum actuation speed             | 0.5 m/s                                                                                                                                   |
| Maximum operating rate              | 120 cyc/mn                                                                                                                                |
| Contact code designation            | A300, AC (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to IEC 60947-5-1<br>R300, DC (Ue = 220 V), Ie = 0.3 A conforming to IEC 60947-5-1 |
| Maximum resistance across terminals | 25 MOhm                                                                                                                                   |

|                                        |                                 |
|----------------------------------------|---------------------------------|
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60664 |
| Electrical durability                  | 800000 cycles, AC, 3 A, 220 V   |
| Mechanical durability                  | 15000000 cycles                 |
| Width                                  | 28 mm                           |
| Height                                 | 64 mm                           |
| Depth                                  | 25 mm                           |
| 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 EN/IEC 60947-5-1               |
| Ambient air temperature for operation | -25...70 °C                                          |
| Marking                               | CE                                                   |
| Product certifications                | CSA<br>UL recognized                                 |
| Standards                             | UL 508<br>CSA C22.2 No 14<br>IEC 60947-5-1           |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.143 kg |
| Package 1 Height | 1.000 cm |
| Package 1 width  | 1.000 cm |
| Package 1 Length | 1.000 cm |

## Offer Sustainability

|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                                                |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                                                                                  |
| RoHS exemption information |  Yes                                                                                              |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>                                                    |

## Contractual warranty

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