



### Main

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Range of product              | OsiSense XC                                               |
| Series name                   | Standard format                                           |
| Product or component type     | Limit switch contact block                                |
| Device short name             | XE3S                                                      |
| Associated body               | ZCD31<br>ZCKJD31<br>ZCKLD31<br>ZCKMD31<br>ZCP31<br>ZKSD31 |
| Number of poles               | 3                                                         |
| Contacts type and composition | 2 NO + 1 NC                                               |
| Contact operation             | Snap action                                               |

### Complementary

|                                        |                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility                  | XCKD<br>XCKJ<br>XCKL<br>XCKM<br>XCKP<br>XCKS                                                                                                                                                                                                                                                                                                                             |
| Electrical connection                  | Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 0.75 mm <sup>2</sup>                                                                                                                                                                                                                                                                                            |
| Contacts insulation form               | Zb                                                                                                                                                                                                                                                                                                                                                                       |
| Contacts material                      | Silver plated contacts                                                                                                                                                                                                                                                                                                                                                   |
| Positive opening                       | With                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum actuation speed                | 0.01 mm/s                                                                                                                                                                                                                                                                                                                                                                |
| Contact code designation               | R300, DC-13 (U <sub>e</sub> = 250 V, I <sub>e</sub> = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A<br>B300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 1.5 A) , I <sub>the</sub> = 6 A conforming to EN/IEC 60947-5-1 appendix A                                                                                                                                |
| Resistance across terminals            | < 25 mOhm conforming to IEC 60255-7 category 3                                                                                                                                                                                                                                                                                                                           |
| [Ui] rated insulation voltage          | 400 V degree of pollution 3 conforming to IEC 60947-1<br>300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14                                                                                                                                                                                                                                               |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60664<br>4 kV conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                           |
| Short-circuit protection               | 6 A by gG cartridge fuse                                                                                                                                                                                                                                                                                                                                                 |
| Electrical durability                  | 5000000 cycles, DC-13 120 V, 1 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, 3 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, 2 W, operating rate: < 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C |

### Environment

### Offer Sustainability

|                                                                       |                                                                       |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Green Premium product                                                 | Green Premium product                                                 |
| Compliant - since 0843 - Schneider Electric declaration of conformity | Compliant - since 0843 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |
| Need no specific recycling operations                                 | Need no specific recycling operations                                 |
| WARNING: This product can expose you to chemicals                     | WARNING: This product can expose you to chemicals including:          |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

including:

|                                                                                                                           |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                               | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                               |
| Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                             | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                             |

Contractual warranty

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