

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|                               |                                                                       |
|-------------------------------|-----------------------------------------------------------------------|
| Range of product              | Preventa Safety detection                                             |
| Product or component type     | Safety switch                                                         |
| Component name                | XCSA                                                                  |
| Design                        | Industrial                                                            |
| Material                      | Metal                                                                 |
| Head type                     | Key operated turret head                                              |
| Contacts type and composition | 2 NC + 1 NO                                                           |
| Contact operation             | Slow-break, break before make                                         |
| Cable entry                   | 1 entry tapped M20 x 1.5                                              |
| Cable outer diameter          | 0.28...0.51 in (7...13 mm)                                            |
| Electrical connection         | Terminal, 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end |
| Number of poles               | 3                                                                     |
| Locking options description   | Without locking of actuator                                           |
| Local signalling              | 1 LED orange (on opening of NC contacts)                              |
| Signalling circuit voltage    | 24/48 V                                                               |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Positive opening                             | With NC contact                                                                                                                                                                                                                                                                                                                    |
| Signalling circuit type                      | AC/DC                                                                                                                                                                                                                                                                                                                              |
| Mechanical durability                        | >= 1000000 cycles                                                                                                                                                                                                                                                                                                                  |
| Minimum actuation speed                      | 0.03 ft/s (0.01 m/s)                                                                                                                                                                                                                                                                                                               |
| Maximum actuation speed                      | 1.64 ft/s (0.5 m/s)                                                                                                                                                                                                                                                                                                                |
| [Ie] rated operational current               | 6 A at 120 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1<br>3 A at 240 V utilisation category AC-15, A300 conforming to EN/IEC 60947-5-1<br>0.55 A at 125 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1<br>0.27 A at 250 V utilisation category DC-13, Q300 conforming to EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                               |
| [Ui] rated insulation voltage                | 300 V conforming to CSA C22.2 No 14<br>500 V conforming to EN/IEC 60947-1<br>300 V conforming to UL 508                                                                                                                                                                                                                            |
| [Uimp] rated impulse withstand voltage       | 6 kV conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                                |
| Short-circuit protection                     | 10 A cartridge fuse type gG (gl)                                                                                                                                                                                                                                                                                                   |
| Actuator force for extraction                | >= 20 N                                                                                                                                                                                                                                                                                                                            |
| Operating rate                               | 10 cyc/mn for maximum durability                                                                                                                                                                                                                                                                                                   |
| Safety level                                 | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508  |
| Safety reliability data                      | B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear)                                                                                                                                                                                                                                     |
| Body material                                | Zamak                                                                                                                                                                                                                                                                                                                              |
| Head material                                | Zamak                                                                                                                                                                                                                                                                                                                              |
| Depth                                        | 1.73 in (44 mm)                                                                                                                                                                                                                                                                                                                    |

|                |                       |
|----------------|-----------------------|
| Height         | 4.49 in (114 mm)      |
| Width          | 1.57 in (40 mm)       |
| Product weight | 0.97 lb(US) (0.44 kg) |

## Environment

|                                       |                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------|
| Standards                             | UL 508<br>EN/IEC 60204-1<br>EN/ISO 12100<br>EN 1088/ISO 14119<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1 |
| Product certifications                | CSA<br>UL                                                                                            |
| Protective treatment                  | TC                                                                                                   |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                           |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                           |
| Vibration resistance                  | 5 gn (f = 10...500 Hz) conforming to IEC 60068-2-6                                                   |
| Shock resistance                      | 10 gn 11 ms conforming to IEC 60068-2-27                                                             |
| Electrical shock protection class     | Class I conforming to EN/IEC 61140                                                                   |
| IP degree of protection               | IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1                                                 |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901443056                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 0.7000000000000007              |
| Returnability         | N                               |
| Country of origin     | FR                              |

## 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                                                                                              |
| California proposition 65        | WARNING: This product can expose you to chemicals including:                                                                       |
| - - - - - Substance 1            | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                        |
| - - - - - Substance 2            | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.          |
| - - - - - More information       | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                      |

## Contractual warranty

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XCSA712](#)