

# XCSPL583

safety switch XCSPL - elbowed flush lever -  
centred - 1NC+1NO -1/2"NPT



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



## Main

|                                |                                                             |
|--------------------------------|-------------------------------------------------------------|
| Range of product               | Preventa Safety detection                                   |
| Product or component type      | Guard switch                                                |
| Component name                 | XCSPL                                                       |
| Material                       | Plastic                                                     |
| Head type                      | Turret head rotary lever                                    |
| Insulation                     | Double insulated                                            |
| Type of operator               | Elbowed flush lever                                         |
| Operator direction information | Centred                                                     |
| Electrical connection          | Terminal                                                    |
| Contacts type and composition  | 1 NC + 1 NO                                                 |
| Contact operation              | Slow-break, break before make                               |
| Clamping connection capacity   | 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end |
| Cable entry                    | 1 entry tapped 1/2" NPT                                     |
| Number of poles                | 2                                                           |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable outer diameter                         | 0.28...0.39 in (7...10 mm)                                                                                                                                                                                                                                                                                                     |
| Positive opening                             | With NC contact                                                                                                                                                                                                                                                                                                                |
| Tripping angle                               | 5 °                                                                                                                                                                                                                                                                                                                            |
| Mechanical durability                        | 1000000 cycles                                                                                                                                                                                                                                                                                                                 |
| Minimum torque for tripping                  | 0.88 lbf.in (0.1 N.m)                                                                                                                                                                                                                                                                                                          |
| Positive opening minimum torque              | 2.21 lbf.in (0.25 N.m)                                                                                                                                                                                                                                                                                                         |
| Contact code designation                     | A300, AC-15 (Ue = 120 V, Ie = 6 A) conforming to EN/IEC 60947-5-1<br>A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 125 V, Ie = 0.55 A) conforming to EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) 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 (degree of pollution: 3) 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                                                                                                                                                                                                                                                                                            |
| Resistance across terminals                  | <= 30 mOhm conforming to EN/IEC 60947-5-4                                                                                                                                                                                                                                                                                      |
| Short-circuit protection                     | 10 A cartridge fuse type gG (gl)                                                                                                                                                                                                                                                                                               |
| 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 IEC 61508 |
| Safety reliability data                      | B10d = 5000000 (value given for a life time of 20 years limited by mechanical or contact wear)                                                                                                                                                                                                                                 |
| Enclosure material                           | Polyamide PA66 fibre glass impregnated                                                                                                                                                                                                                                                                                         |
| Lever material                               | Stainless steel                                                                                                                                                                                                                                                                                                                |
| Width                                        | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                |
| Height                                       | 6.34 in (161 mm)                                                                                                                                                                                                                                                                                                               |

|                |                        |
|----------------|------------------------|
| Depth          | 1.18 in (30 mm)        |
| Product weight | 0.21 lb(US) (0.095 kg) |

## Environment

|                                       |                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN 1088/ISO 14119<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-4<br>EN/ISO 12100<br>UL 508<br>CSA C22.2 No 14 |
| Product certifications                | BG<br>CSA<br>UL                                                                                                          |
| Protective treatment                  | TC<br>TH                                                                                                                 |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                                                               |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                                                               |
| Vibration resistance                  | 50 gn (f = 10...500 Hz) conforming to IEC 60068-2-6                                                                      |
| Shock resistance                      | 50 gn 11 ms conforming to IEC 60068-2-27                                                                                 |
| Electrical shock protection class     | Class II conforming to EN/IEC 61140                                                                                      |
| IP degree of protection               | IP67 conforming to IEC 60529                                                                                             |

## Ordering and shipping details

|                       |                                 |
|-----------------------|---------------------------------|
| Category              | 22411 - LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                               |
| GTIN                  | 00785901326717                  |
| 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 1136 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH                      | Reference not containing SVHC above the threshold                                                                                                                                                        |
| 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 |
|-----------------|-----------|

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