

# Product data sheet

## Characteristics

# XCSPR753

Guard switch, Telemecanique Safety switches  
XCS, XCSPR, spindle 30 mm, 2NC -1/2"NPT



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

Price\*: 91.00 USD



## Main

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Range of Product              | Telemecanique Safety switches XCS                           |
| Product or Component Type     | Guard switch                                                |
| Component name                | XCSPR                                                       |
| Material                      | Plastic                                                     |
| Head type                     | Turret head rotary axis                                     |
| Insulation                    | Double insulated                                            |
| Type of operator              | Spindle 30 mm                                               |
| Electrical Connection         | Terminal                                                    |
| Contacts type and composition | 1 NC + 1 NC                                                 |
| Contact operation             | Slow-break                                                  |
| 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                  | 0.89 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)EN/IEC 60947-5-1<br>A300, AC-15 (Ue = 240 V, Ie = 3 A)EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 125 V, Ie = 0.55 A)EN/IEC 60947-5-1<br>Q300, DC-13 (Ue = 250 V, Ie = 0.27 A)EN/IEC 60947-5-1 |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                       |
| [Ui] rated insulation voltage                | 300 VUL 508<br>300 VCSA C22.2 No 14<br>500 V 3)EN/IEC 60947-1                                                                                                                                                              |
| [Uimp] rated impulse withstand voltage       | 6 KV EN/IEC 60947-5-1                                                                                                                                                                                                      |

|                                     |                                                                                                                                                                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum resistance across terminals | 30 MOhm EN/IEC 60947-5-4                                                                                                                                                                                                                                                             |
| Short-circuit protection            | 10 A cartridge fuse gG (gl)                                                                                                                                                                                                                                                          |
| Safety level                        | Can reach category 4 with the appropriate monitoring system and correctly-wired EN/ISO 13849-1<br>Can reach PL = e with the appropriate monitoring system and correctly-wired EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly-wired 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                                                                                                                                                                                                                                                                      |
| Maximum Width                       | 1.18 In (30 mm)                                                                                                                                                                                                                                                                      |
| Maximum Height                      | 4.33 In (110 mm)                                                                                                                                                                                                                                                                     |
| Maximum Depth                       | 2.36 In (60 mm)                                                                                                                                                                                                                                                                      |
| Net Weight                          | 0.26 Lb(US) (0.12 kg)                                                                                                                                                                                                                                                                |

## Environment

|                                       |                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 60204-1<br>EN/IEC 60947-5-4<br>CSA C22.2 No 14<br>UL 508<br>EN 1088/ISO 14119<br>EN/ISO 12100<br>EN/IEC 60947-5-1 |
| Product Certifications                | CSA<br>UL<br>BG                                                                                                          |
| 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 10...500 Hz)IEC 60068-2-6                                                                                          |
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27                                                                                               |
| Electrical shock protection class     | Class II 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                  | 03389110177169                  |
| Nbr. of units in pkg. | 1                               |
| Package weight(Lbs)   | 4.23 Oz (120 g)                 |
| Returnability         | No                              |
| Country of origin     | FR                              |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.77 In (4.5 cm)       |
| Package 1 width              | 2.60 In (6.6 cm)       |
| Package 1 Length             | 4.13 In (10.5 cm)      |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 20                     |
| Package 2 Weight             | 6.29 Lb(US) (2.855 kg) |
| Package 2 Height             | 5.91 In (15 cm)        |

|                  |                  |
|------------------|------------------|
| Package 2 width  | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

### Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                                                                            |
| California proposition 65  | WARNING: This product can expose you to chemicals including: 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. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| 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 | <a href="#">Yes</a>                                                                                                                                                                                                                                                                                                                                                              |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                    |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                                                                                                          |

### Contractual warranty

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

|                       |                |
|-----------------------|----------------|
| Product Life Status : | Commercialised |
|-----------------------|----------------|