

# XCKJ10513DSC8

Limit switch, XC Standard, XCKJ, steel roller lever, 1NC+1 NO, snap action, M12



## Main

|                               |   |
|-------------------------------|---|
| Range of Product              | Telemecanique Limit switches XC Standard        |
| Series name                   | Standard format                                 |
| Product or Component Type     | Limit switch                                    |
| Device short name             | XCKJ  |
| Sensor design                 | Form A CENELEC EN 50041                         |
| Body type                     | Fixed   |
| Head type                     | Rotary head                                     |
| Material                      | Metal   |
| Body Material                 | Zamak   |
| Head material                 | Zamak   |
| Fixing Mode                   | By the body                                     |
| Movement of operating head    | Rotary  |
| Type of operator              | Spring return roller lever metal                |
| Type of approach              | Lateral approach, 1 or 2 programmable direction |
| Number of poles               | 2   |
| Contacts type and composition | 1 NC + 1 NO                                     |
| Contact operation             | Snap action                                     |

## Complementary

|  |   |
|--|---|
| Switch actuation                             | By 30° cam  |
| Electrical connection                        | Male connector  |
| Contacts insulation form                     | Zb  |
| Number of steps                              | 1   |
| Positive opening                             | With  |
| Positive opening minimum torque              | 4.43 lbf.in (0.5 N.m)   |
| Minimum torque for tripping                  | 2.21 lbf.in (0.25 N.m)  |
| Maximum actuation speed                      | 4.92 ft/s (1.5 m/s)   |
| [Ie] rated operational current               | 0.27 A 50 V, DC-13 EN/IEC 60947-5-1 appendix A<br>3 A 50 V, AC-15 EN/IEC 60947-5-1 appendix A   |
| [Ithe] conventional enclosed thermal current | 4 A   |
| [Ui] rated insulation voltage                | 60 V 3)IEC 60947-1  |
| Maximum resistance across terminals          | 25 MOhm IEC 60255-7 category 3  |
| [Uimp] rated impulse withstand voltage       | 0.8 kV IEC 60664<br>0.8 kV IEC 60947-1  |
| Short-circuit protection                     | 4 A cartridge fuse gG   |
| Electrical durability                        | 5000000 Cycles, DC-13, inductive, 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13, inductive, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Mechanical durability                        | 30000000 cycles   |
| Width  | 1.57 in (40 mm)   |
| Height                                       | 3.50 in (89 mm)   |
| Depth  | 1.73 in (44 mm)   |
| Net Weight                                   | 1.08 lb(US) (0.49 kg)   |
| Terminals description ISO n°1                | (21-22)NC<br>(13-14)NO  |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Shock resistance                      | 50 gn 11 ms IEC 60068-2-27  |
| Vibration resistance                  | 25 gn 10...500 Hz)IEC 60068-2-6   |
| IP degree of protection               | IP66 conforming to IEC 60529  |
| IK degree of protection               | IK07 EN 50102   |
| Overvoltage category                  | Class I IEC 61140<br>Class I NF C 20-030  |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C)  |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)  |
| Protective treatment                  | TH  |
| Product Certifications                | CSA<br>CCC<br>UL  |
| Standards                             | EN 60947-5-1<br>IEC 60204-1<br>CENELEC EN 50041<br>EN 60204-1<br>CSA C22.2 No 14<br>IEC 60947-5-1<br>UL 508 |




## Ordering and shipping details

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 22411-LIMIT SWITCHES,IEC,XCKJ |
| Discount Schedule     | T                             |
| GTIN                  | 3389119614290                 |
| Nbr. of units in pkg. | 1                             |
| Package weight(Lbs)   | 17.81 oz (505.0 g)            |
| Returnability         | No                            |
| Country of origin     | FR                            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 1.69 in (4.3 cm)        |
| Package 1 width              | 2.28 in (5.8 cm)        |
| Package 1 Length             | 8.15 in (20.7 cm)       |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 18                      |
| Package 2 Weight             | 21.04 lb(US) (9.545 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

|                            |   |
|----------------------------|---|
| 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 Di-isodecyl 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>   |