



Product Life Status : **END OF STANDARD SERVICE**

TODAY  
FEB 21, 2021

End of Commercialization  
OCT 30, 2020

End of Standard Service  
OCT 30, 2020



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Limit switches XC Standard |
| Series name                   | Standard format                          |
| Product or component type     | Limit switch                             |
| Device short name             | XCMD                                     |
| Sensor design                 | Miniature                                |
| 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 steel         |
| Type of approach              | Lateral approach, 2 directions           |
| Number of poles               | 2  |
| Contacts type and composition | 1 NC + 1 NO                              |
| Contact operation             | Snap action                              |

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## Complementary

|                                |                           |
|--------------------------------|---------------------------|
| Switch actuation               | By 30° cam                |
| Electrical connection          | Removable cable connector |
| Cable length                   | 6 m                       |
| Cable composition              | 5 x 0.75 mm <sup>2</sup>  |
| Wire insulation material       | PvR                       |
| Contacts insulation form       | Zb                        |
| Positive opening               | With                      |
| Positive opening minimum force | 0.5 N                     |
| Minimum force for tripping     | 0.1 N                     |
| Maximum actuation speed        | 1.5 m/s                   |

|  |   |
|--|---|
| Contact code designation               | B300, AC-15 (Ue = 240 V), Ie = 1.5 A conforming to EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A  |
| [Ui] rated insulation voltage          | 400 V (pollution degree 3) conforming to IEC 60947-5-1<br>300 V (pollution degree 3)  |
| [Uimp] rated impulse withstand voltage | 4 kV IEC 60664<br>4 kV IEC 60947-1  |
| Short-circuit protection               | 6 A cartridge fuse, type gG   |
| 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 |
| Mechanical durability                  | 10000000 cycles   |
| Width                                  | 30 mm   |
| Height                                 | 50 mm   |
| Depth                                  | 16 mm   |






## Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | IP66 conforming to IEC 60529<br>IP67 conforming to IEC 60529<br>IP68 conforming to IEC 60529 |
| Ambient air temperature for operation | -25...70 °C  |
| Product certifications                | UL<br>CSA  |
| Standards                             | IEC 60947-5-1<br>EN 60947-5-1  |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.610 kg |
| Package 1 Height | 0.160 dm |
| Package 1 width  | 2.500 dm |
| Package 1 Length | 3.000 dm |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| 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>  |