

# XCMN2115L3

Limit switch, Limit switches XC Standard,  
IDP 1F1O RB 3 m CABLE LEVI ER GALET  
THERMO



## Main

|                               |                                          |
|-------------------------------|------------------------------------------|
| Range of Product              | Telemecanique Limit switches XC Standard |
| Series name                   | Standard format                          |
| Product or Component Type     | Limit switch                             |
| Device short name             | XCMN                                     |
| Sensor design                 | Miniature                                |
| Body type                     | Fixed                                    |
| Head type                     | Rotary head                              |
| Material                      | Plastic                                  |
| Body Material                 | Plastic                                  |
| Head material                 | Zamak                                    |
| Fixing Mode                   | By the body                              |
| Movement of operating head    | Rotary                                   |
| Type of operator              | Spring return roller lever thermoplastic |
| Type of approach              | Lateral approach, 2 directions           |
| Number of poles               | 2                                        |
| Contacts type and composition | 1 NC + 1 NO                              |
| Contact operation             | Snap action                              |

## Complementary

|                                        |                                                                                                                                                                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tracks                                 | 24/31 mm                                                                                                                                                                                                                       |
| Switch actuation                       | By 30° cam                                                                                                                                                                                                                     |
| Electrical connection                  | Fixed cable                                                                                                                                                                                                                    |
| Cable length                           | 9.84 ft (3 m)                                                                                                                                                                                                                  |
| Cable composition                      | 4 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                | 4.92 ft/s (1.5 m/s)                                                                                                                                                                                                            |
| Contact code designation               | B300, AC-15 (Ue = 240 V), Ie = 1.5 A EN/IEC 60947-5-1 appendix A<br>R300, DC-13 (Ue = 250 V), Ie = 0.1 A EN/IEC 60947-5-1 appendix A                                                                                           |
| [Ui] rated insulation voltage          | 300 V 3)UL 508<br>400 V 3)IEC 60947-5-1<br>300 V 3)CSA C22.2 No 14                                                                                                                                                             |
| Maximum resistance across terminals    | 25 MOhm IEC 60255-7 category 3                                                                                                                                                                                                 |
| [Uimp] rated impulse withstand voltage | 4 KV IEC 60664<br>4 kV IEC 60947-1                                                                                                                                                                                             |
| Short-circuit protection               | 6 A cartridge fuse gG                                                                                                                                                                                                          |
| Electrical durability                  | 5000000 Cycles, DC-13, 120 V, 1 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 Cycles, DC-13, 24 V, 3 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13, 48 V, 2 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Mechanical durability                  | 5000000 cycles                                                                                                                                                                                                                 |
| Width                                  | 1.18 in (30 mm)                                                                                                                                                                                                                |
| Height                                 | 3.70 in (94 mm)                                                                                                                                                                                                                |

|            |                      |
|------------|----------------------|
| Depth      | 0.63 in (16 mm)      |
| Net Weight | 0.22 lb(US) (0.1 kg) |

## Environment

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Shock resistance                      | 25 gn 18 ms IEC 60068-2-27                                      |
| Vibration resistance                  | 5 gn 10...500 Hz)IEC 60068-2-6                                  |
| IP degree of protection               | IP65 conforming to IEC 60529                                    |
| IK degree of protection               | IK04 EN 50102                                                   |
| Electrical shock protection class     | Class II IEC 61140<br>Class II 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                  | TC                                                              |
| Product Certifications                | UL<br>CSA<br>CCC                                                |
| Standards                             | UL 508<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14 |

## Ordering and shipping details

|                       |                                    |
|-----------------------|------------------------------------|
| Category              | 22413-LIMIT SWITCH, IEC, MINIATURE |
| Discount Schedule     | T                                  |
| GTIN                  | 3389119055147                      |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 9.95 oz (282.0 g)                  |
| Returnability         | No                                 |
| Country of origin     | ID                                 |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 1.18 in (3 cm)          |
| Package 1 width              | 5.12 in (13 cm)         |
| Package 1 Length             | 5.12 in (13 cm)         |
| Unit Type of Package 2       | PAL                     |
| Number of Units in Package 2 | 240                     |
| Package 2 Weight             | 163.14 lb(US) (74.0 kg) |
| Package 2 Height             | 23.62 in (60 cm)        |
| Package 2 width              | 31.50 in (80 cm)        |
| Package 2 Length             | 94.49 in (240 cm)       |
| Unit Type of Package 3       | S03                     |
| Number of Units in Package 3 | 30                      |
| Package 3 Weight             | 20.22 lb(US) (9.173 kg) |
| Package 3 Height             | 11.81 in (30 cm)        |
| Package 3 width              | 11.81 in (30 cm)        |
| Package 3 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 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>                                                                                                                                                                                                                                                                                                                                                               |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                                                                                                     |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                                                                                                           |

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