

# ZCKM1H29

Limit switch body, Limit switches XC Standard, ZCKM, 1NC+1 NO, snap action, M20



## Main

|                               |                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product              | Telemecanique Limit switches XC Standard                                                                                                                                             |
| Series name                   | Standard format                                                                                                                                                                      |
| Product or Component Type     | Limit switch body                                                                                                                                                                    |
| Device short name             | ZCKM                                                                                                                                                                                 |
| Body type                     | Fixed                                                                                                                                                                                |
| Product Compatibility         | XCKM                                                                                                                                                                                 |
| Associated head               | ZCKD06<br>ZCKD16<br>ZCKD219<br>ZCKD08<br>ZCKD21<br>ZCKD05<br>ZCKD81<br>ZCKD23<br>ZCKD239<br>ZCKD10<br>ZCKD41<br>ZCKD15<br>ZCKD029<br>ZCKD59<br>ZCKD02<br>ZCKD17<br>ZCKD109<br>ZCKD91 |
| Body Material                 | Metal                                                                                                                                                                                |
| Cable entry                   | 3 entries tapped for M20 x 1.5 cable gland                                                                                                                                           |
| Number of poles               | 2                                                                                                                                                                                    |
| Contacts type and composition | 1 NC + 1 NO                                                                                                                                                                          |
| Contact operation             | Snap action                                                                                                                                                                          |
| Number of steps               | 1 1 position                                                                                                                                                                         |
| Contacts material             | Silver plated contacts                                                                                                                                                               |

## Complementary

|                                                           |                                                                                                                                                                                                                              |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local display                                             | Without                                                                                                                                                                                                                      |
| Electrical connection                                     | Screw-clamp terminals 1 x 0.34...2 x 1.5 mm <sup>2</sup>                                                                                                                                                                     |
| Positive opening                                          | With                                                                                                                                                                                                                         |
| Minimum actuation speed                                   | 0.01 m/min                                                                                                                                                                                                                   |
| [I <sub>e</sub> ] rated operational current               | 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A<br>0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A                                                                                                                  |
| [I <sub>th</sub> e] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                         |
| [U <sub>i</sub> ] rated insulation voltage                | 500 V 3)IEC 60947-1 contact block<br>300 VCSA C22.2 No 14 contact block<br>300 VUL 508 contact block                                                                                                                         |
| Maximum resistance across terminals                       | 0.25 mOhm IEC 60255-7 category 3                                                                                                                                                                                             |
| [U <sub>imp</sub> ] rated impulse withstand voltage       | 6 kV IEC 60664<br>6 kV IEC 60947-1                                                                                                                                                                                           |
| Short-circuit protection                                  | 10 A cartridge fuse gG                                                                                                                                                                                                       |
| Electrical durability                                     | 5000000 Cycles, DC-13 120 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 Cycles, DC-13 24 V, 13 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C<br>5000000 cycles, DC-13 48 V, 9 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Width                                                     | 2.52 in (64 mm)                                                                                                                                                                                                              |
| Height                                                    | 2.52 in (64 mm)                                                                                                                                                                                                              |

|                               |                        |
|-------------------------------|------------------------|
| Depth                         | 1.18 in (30 mm)        |
| Product Weight                | 0.46 lb(US) (0.21 kg)  |
| Terminals description ISO n°1 | (21-22)NC<br>(13-14)NO |

## Environment

|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| IP Degree of Protection               | IP66                                            |
| IK Degree of Protection               | IK05                                            |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) standard environment |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                      |
| Environmental characteristic          | Standard environment                            |

## Ordering and shipping details

|                   |                               |
|-------------------|-------------------------------|
| Category          | 22416-LIMIT SWITCHES,IEC,XCKL |
| Discount Schedule | T                             |
| GTIN              | 3389110739503                 |
| Returnability     | Yes                           |
| Country of origin | ID                            |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 1.26 in (3.2 cm)          |
| Package 1 Width              | 2.60 in (6.6 cm)          |
| Package 1 Length             | 3.86 in (9.8 cm)          |
| Package 1 Weight             | 8.11 oz (230 g)           |
| Unit Type of Package 2       | S01                       |
| Number of Units in Package 2 | 20                        |
| Package 2 Height             | 5.91 in (15 cm)           |
| Package 2 Width              | 5.91 in (15 cm)           |
| Package 2 Length             | 15.75 in (40 cm)          |
| Package 2 Weight             | 10.75 lb(US) (4.876 kg)   |
| Unit Type of Package 3       | P06                       |
| Number of Units in Package 3 | 640                       |
| Package 3 Height             | 30.31 in (77 cm)          |
| Package 3 Width              | 31.50 in (80 cm)          |
| Package 3 Length             | 23.62 in (60 cm)          |
| Package 3 Weight             | 361.96 lb(US) (164.18 kg) |

## 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>                                                                                                                                                                                                                                                                                                                                    |

## Contractual warranty

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