

XCKN2118P20

Limit switch, Limit switches XC Standard, XCKN, thermoplastic roller lever, 1NC+1 NO, snap, M20

Main

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| Range of Product | Telemecanique Limit switches XC Standard |
| Series name | Standard format |
| Product or Component Type | Limit switch |
| Device short name | XCKN |
| Sensor design | Compact form A |
| Body type | Fixed |
| Head type | Rotary head |
| Material | Plastic |
| Body material | Plastic |
| Head material | Plastic |
| 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 |
| Cable entry | 1 entry tapped for M20 x 1.5 cable gland 0.3...0.5 in (7...13 mm) |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Snap action |

Complementary

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| Tracks | 24/40 mm |
| Switch actuation | By 30° cam |
| Electrical connection | Screw-clamp terminals 1 x 0.34...2 x 1.5 mm ² |
| Contacts insulation form | Zb |
| Positive opening | With |
| Positive opening minimum torque | 1.33 lbf.in (0.15 N.m) |
| Minimum torque for tripping | 0.9 lbf.in (0.1 N.m) |
| Maximum actuation speed | 4.9 ft/s (1.5 m/s) |
| Contact code designation | A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 VUL 508 500 V 3)IEC 60947-1 300 VCSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60664 6 kV IEC 60947-1 |
| Short-circuit protection | 10 A cartridge fuse gG |
| Electrical durability | 5000000 Cycles, DC-13, 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13, 24 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 48 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Mechanical durability | 10000000 cycles |
| Width | 1.2 in (30 mm) |
| Height | 4.3 in (108 mm) |
| Depth | 1.8 in (44.5 mm) |

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| Net Weight | 0.386 lb(US) (0.175 kg) |
| Terminals description ISO n°1 | (13-14)NO (21-22)NC |

Environment

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| Shock resistance | 45 gn 11 ms IEC 60068-2-27 |
| Vibration resistance | 25 gn 10...500 Hz)IEC 60068-2-6 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| IK degree of protection | IK04 conforming to IEC 62262 |
| Overvoltage category | Class II IEC 61140 Class II NF C 20-030 |
| Ambient Air Temperature for Operation | -13.0000000000...158.0000000000 °F (-25...70 °C) |
| Ambient Air Temperature for Storage | -40.0000000000...158.0000000000 °F (-40...70 °C) |
| Protective treatment | TC |
| Product Certifications | CCC[RETURN]UL[RETURN]CSA |
| Standards | IEC 60947-5-1 UL 508 IEC 60947-5-1 IEC 60204-1 IEC 60204-1 CSA C22.2 No 14 |

Ordering and shipping details

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| Category | US1000T22435 |
| Discount Schedule | 000T |
| GTIN | 3389110214307 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.3 in (11.0 cm) |
| Package 1 Width | 6.3 in (16.0 cm) |
| Package 1 Length | 12.2 in (31.0 cm) |
| Package 1 Weight | 3.07 oz (87.0 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 4.3 in (11.0 cm) |
| Package 2 Width | 6.3 in (16.0 cm) |
| Package 2 Length | 12.2 in (31.0 cm) |
| Package 2 Weight | 3.92 lb(US) (1.78 kg) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 480 |
| Package 3 Height | 31.5 in (80.0 cm) |
| Package 3 Width | 31.5 in (80.0 cm) |
| Package 3 Length | 23.6 in (60.0 cm) |
| Package 3 Weight | 124.65 lb(US) (56.54 kg) |

Offer Sustainability

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| 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 www.P65Warnings.ca.gov |
| Circularity Profile | No need of specific recycling operations |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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