

XCKMR54D1H29EX

limit switch XCK-MR - square rod 6 mm
crossed - 2 x (2 NC) - ATEX



Product availability: Non-Stock - Not normally stocked in distribution facility

Main

| | |
|---|---|
| Commercial Status | Commercialised |
| Range of product | OsiSense ATEX D |
| Series name | Standard format |
| Product or component type | Limit switch |
| Product specific application | For hoisting and mechanical handling applications |
| Device short name | XCKMR |
| Body type | Fixed |
| Head type | Rotary head |
| Material | Metal |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Metal stay put crossed rods lever, square rod 6 mm, L = 200 mm |
| Switch actuation | By any moving part |
| Type of approach | Lateral approach, 2 directions |
| Electrical connection | Screw-clamp terminals, 1 x 0.34...2 x 1.5 mm ² |
| Cable entry number | 1 tapped entry (M20 x 1.5) for cable gland (included), cable outer diameter: 0.28...0.51 in (7...13 mm) 2 tapped entry (M20 x 1.5) for cable gland |
| Number of poles | 4 |
| Contacts type and composition | 2 x (2 NC) |
| Contacts insulation form | Zb |
| Contacts operation | Slow-break, staggered |
| Number of steps | 2 |
| Contact block per direction (control circuit) | 1 per direction |
| Positive opening | With |
| Minimum torque for tripping | 4.42 lbf.in (0.5 N.m) |
| Maximum actuation speed | 4.92 ft/s (1.5 m/s) |
| IP degree of protection | IP66 conforming to IEC 60529 |

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Complementary

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| Minimum actuation speed | 6 m/min |
| Maximum displacement angle | 180 ° -180 ° |
| Contact code designation | Q150, DC-13 (125 V, I _e = 0.55 A) conforming to IEC 60947-5-1 appendix A Q150, DC-13 (125 V, I _e = 0.55 A) conforming to EN 60947-5-1 A300, AC-15 (240 V, I _e = 3 A) conforming to IEC 60947-5-1 appendix A A300, AC-15 (240 V, I _e = 3 A) conforming to EN 60947-5-1 |
| [Ui] rated insulation voltage | 500 V, pollution degree: 3 conforming to VDE 0110 500 V, pollution degree: 3 conforming to IEC 60947-1 500 V conforming to NF C 20-040 group C 300 V conforming to UL 508 |
| Resistance across terminals | <= 25 MOhm conforming to NF C 93-050 method A <= 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664 |
| Short circuit protection | 10 A cartridge fuse, type gG |
| Mechanical durability | 2000000 cycles |
| Marking | II2 D-Ex tb IIIC T85°C Db IP66/67 |
| Width | 4.65 in (118 mm) |
| Height | 3.03 in (77 mm) |
| Depth | 2.32 in (59 mm) |

Environment

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|--|--|
| Shock resistance | 50 gn conforming to IEC 60068-2-27 |
| Class of protection against electric shock | Conforming to NF C 20-030 Class I conforming to IEC 60536 |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C) |
| Protective treatment | TC |
| Dust zone | Zone 21 - 22 |
| Product certifications | INERIS 04ATEX0014X |
| Standards | Directive ATEX 94/9/EC EN/IEC 60079-0 EN/IEC 60079-31 |

Ordering and shipping details

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|-----------------------|---|
| Category | 22449 - LIMIT SWITCHES,ACCESSORIES |
| Discount Schedule | T |
| GTIN | 003389118027978 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.70 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0936 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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