

XCKVR54D1H29

Limit switch, Limit switches XC Standard,
XCKVR, stay put crossed rods lever 6 mm,
2x(2 NC), slow, M20



Main

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| Range of product | OsiSense XC |
| Series name | Special 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 | Plastic |
| Body material | (PBT+PC)-GF30 FR |
| Head material | (PBT+PC)-GF30 FR |
| Fixing mode | By the body |
| Movement of operating head | Rotary |
| Type of operator | Stay put crossed rods lever metal square rod 6 mm, L = 200 mm |
| Type of approach | Lateral approach, 2 directions |
| Cable entry | 1 entry tapped and 2 breakout holes for M20 x 1.5 cable gland, cable outer diameter: 7...13 mm |
| Number of poles | 4 |
| Contacts type and composition | 2 x (2 NC) |
| Contact operation | Slow-break, staggered |

Complementary

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| Switch actuation | By any moving part |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm ² |
| Contacts insulation form | Zb |
| Number of steps | 5 electrical positions |
| Contact block per direction [control circuit] | 1 per direction |
| Positive opening | With |
| Positive opening minimum torque | 0.75 N.m |
| Minimum torque for tripping | 0.5 N.m |
| Minimum actuation speed | 6 m/min |
| Maximum actuation speed | 1.5 m/s actuation point on the rod between 65 and 95 mm |
| Maximum displacement angle | -180 ° 180 ° |
| Contact code designation | A300, AC-15 (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to IEC 60947-5-1 appendix A Q150, DC-13 (Ue = 125 V), Ie = 0.55 A conforming to IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage | 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 500 V (pollution degree 3) conforming to IEC 60947-1 |
| Maximum resistance across terminals | 25 MOhm conforming to IEC 60255-7 category 3 |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to IEC 60664 6 kV conforming to IEC 60947-1 |
| Short-circuit protection | 10 A cartridge fuse, type gG |
| Mechanical durability | 1000000 cycles |

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| Width | 200 mm |
| Height | 200 mm |
| Depth | 57 mm |
| Net weight | 0.32 kg |
| Terminals description ISO n°1 | (21-22)NC (11-12)NC |

Environment

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| Shock resistance | 50 gn conforming to IEC 60068-2-27 |
| Vibration resistance | 25 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| IK degree of protection | IK04 conforming to IEC 62262 |
| Electrical shock protection class | Class II conforming to IEC 60536 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Protective treatment | TC |
| Product certifications | UL[RETURN]CSA[RETURN]CCC[RETURN]CE |
| Standards | UL 508 CSA C22.2 No 14 IEC 60947-5-1 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.0 cm |
| Package 1 Width | 7.7 cm |
| Package 1 Length | 19.5 cm |
| Package 1 Weight | 380.0 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 2.883 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 96 |
| Package 3 Height | 80.0 cm |
| Package 3 Width | 80.0 cm |
| Package 3 Length | 60.0 cm |
| Package 3 Weight | 52.26 kg |

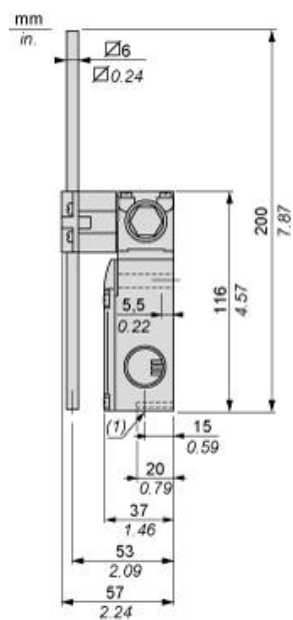
Offer Sustainability

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| 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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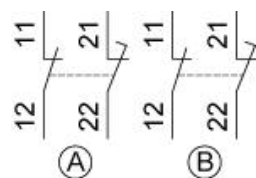
Dimensions



(1) 1 tapped entry ISO M20x1.5

Wiring Diagram

2 x 2-pole NC+NC Break Before Make, Slow Break (Non Interchangeable Contacts)



Functionnal Diagram

