

# XCKVR54D1H29

limit switch XCKVR - stay put crossed rods  
lever 6mm - 2x(2 NC) - slow - M20

Product availability: Stock - Normally stocked in distribution facility



## Main

|                               |   |
|-------------------------------|---|
| 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: 0.28...0.51 in (7...13 mm) |
| Number of poles               | 4   |
| Contacts type and composition | 2 x (2 NC)  |
| Contact operation             | Slow-break, staggered   |

## Complementary

|   |   |
|---|---|
| Switch actuation                              | By any moving part  |
| Electrical connection                         | Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>   |
| 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               | 6.64 lbf.in (0.75 N.m)  |
| Minimum torque for tripping                   | 4.42 lbf.in (0.5 N.m)   |
| Minimum actuation speed                       | 6 m/min   |
| Maximum actuation speed                       | 4.92 ft/s (1.5 m/s) actuation point on the rod between 65 and 95 mm   |
| Maximum displacement angle                    | -180 °<br>180 °   |
| Contact code designation                      | A300, AC-15 (U <sub>e</sub> = 240 V, I <sub>e</sub> = 3 A) , I <sub>the</sub> = 10 A conforming to EN/IEC 60947-5-1 appendix A<br>Q150, DC-13 (U <sub>e</sub> = 125 V, I <sub>e</sub> = 0.55 A) conforming to EN/IEC 60947-5-1 appendix A |
| [Ui] rated insulation voltage                 | 300 V conforming to CSA C22.2 No 14<br>300 V conforming to UL 508<br>500 V degree of pollution 3 conforming to EN/IEC 60947-1   |
| Resistance across terminals                   | <= 25 MOhm conforming to IEC 60255-7 category 3   |
| [Uimp] rated impulse withstand voltage        | 6 kV conforming to EN/IEC 60947-1<br>6 kV conforming to IEC 60664   |
| Short-circuit protection                      | 10 A by gG cartridge fuse   |
| Mechanical durability                         | 1000000 cycles  |

|                               |                        |
|-------------------------------|------------------------|
| Width                         | 7.87 in (200 mm)       |
| Height                        | 7.87 in (200 mm)       |
| Depth                         | 2.24 in (57 mm)        |
| Product weight                | 0.71 lb(US) (0.32 kg)  |
| Terminals description ISO n°1 | (11-12)NC<br>(21-22)NC |


## Environment

|                                       |  |
|---------------------------------------|--|
| Shock resistance                      | 50 gn conforming to EN/IEC 60068-2-27                  |
| Vibration resistance                  | 25 gn (f = 10...500 Hz) conforming to EN/IEC 60068-2-6 |
| IP degree of protection               | IP65 conforming to EN/IEC 60529                        |
| IK degree of protection               | IK04 conforming to EN 50102                            |
| Electrical shock protection class     | Class II conforming to IEC 60536                       |
| 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                | CCC<br>CE<br>CSA<br>UL                                 |
| Standards                             | EN/IEC 60947-5-1<br>UL 508<br>CSA C22.2 No 14          |

## Ordering and shipping details

|                       |                                    |
|-----------------------|------------------------------------|
| Category              | 22449 - LIMIT SWITCHES,ACCESSORIES |
| Discount Schedule     | T                                  |
| GTIN                  | 003389119077491                    |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 0.8399999999999997                 |
| Returnability         | Y                                  |
| Country of origin     | ID                                 |

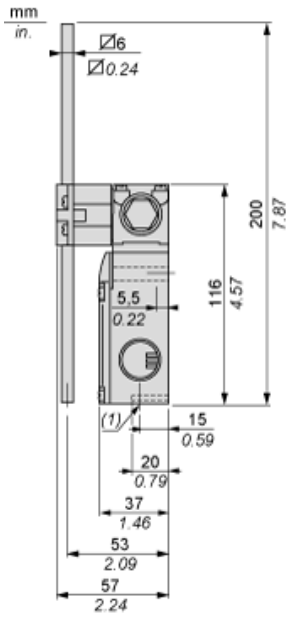
## Offer Sustainability

|                           |  |
|---------------------------|--|
| RoHS (date code: YYWW)    | Compliant - since 1227 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH                     | Reference not containing SVHC above the threshold  |
| California proposition 65 | WARNING: This product can expose you to chemicals including:   |
| ----- Substance 1         | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and  |
| ----- Substance 2         | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.   |
| ----- More information    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>  |

## Contractual warranty

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

Dimensions



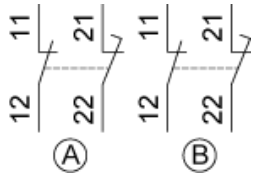
(1) 1 tapped entry ISO M20x1.5

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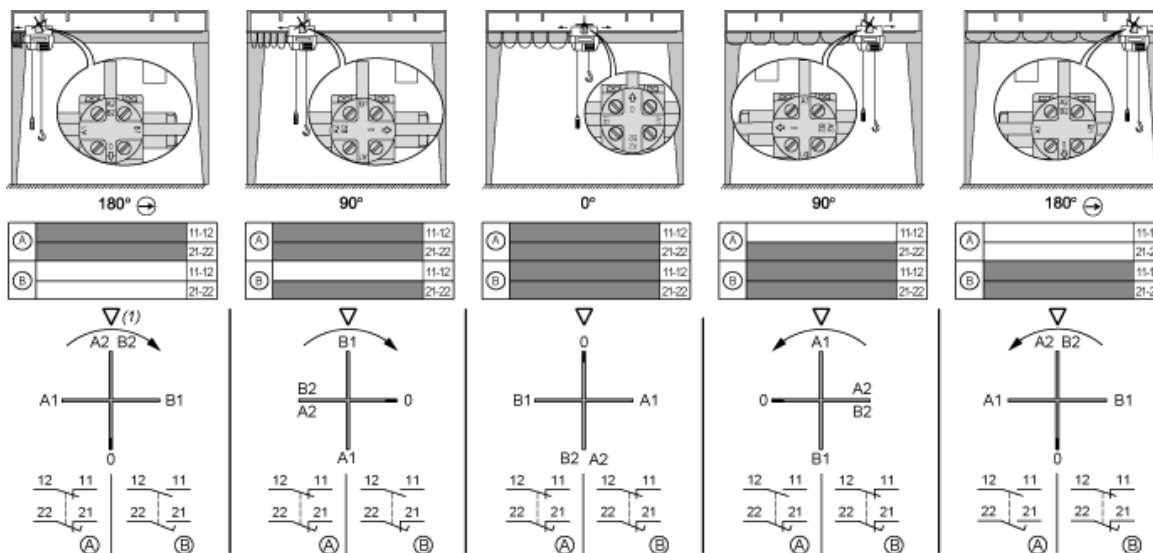
## Wiring Diagram

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



Functionnal Diagram



(1) Triangle symbol marked on top of head.

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