### XCKMR54D1H29EX

limit switch XCKMR - square rod 6 mm crossed - 2 x (2 NC) - ATEX/IECEx





#### Main

Range of product	Telemecanique Limit switches XC Standard
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	Stay put crossed rods lever metal 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, clamping capacity: 1 x 0.342 x 1.5 mm <sup>2</sup>
Cable entry number	1 tapped entry for M20 x 1.5 cable gland (included) 713 mm 2 tapped entry for M20 x 1.5 cable gland
Number of poles	4
Contacts type and composition	2 x (2 NC)
Contacts insulation form	Zb
Contact operation	Slow-break, staggered
Number of steps	2
Contact block per direction [control circuit]	1 per direction
Positive opening	With
Minimum torque for tripping	0.5 N.m
Maximum actuation speed	1.5 m/s
IP degree of protection	IP66 conforming to IEC 60529

#### Complementary

Minimum actuation speed	6 m/min
Maximum displacement angle	180 ° -180 °
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A conforming to IEC 60947-5-1 A300, AC-15 (Ue = 240 V), Ie = 3 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 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 508 500 V conforming to NF C 20-040 group C 500 V (pollution degree 3) conforming to IEC 60947-1 500 V (pollution degree 3) conforming to VDE 0110
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[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	2000000 cycles	
Marking	II2 D-Ex tb IIIC T85°C Db IP66/67	
Width	118 mm	
Height	77 mm	
Depth	59 mm	

### Environment

Shock resistance	50 gn conforming to IEC 60068-2-27
Vibration resistance	25 gn (f= 10500 Hz) conforming to IEC 60068-2-6
Electrical shock protection class	Class I conforming to IEC 60536 Class I conforming to NF C 20-030
Ambient air temperature for operation	-2060 °C
Protective treatment	TC
Dust zone	Zone 21 - 22
Product certifications	INERIS 04ATEX0014X[RETURN]IEC-Ex INE 17.0020X
Standards	IEC 60079-31 IEC 60079-0
Directives	2014/34/EU - ATEX directive

### **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	9.0 cm
Package 1 Length	23.0 cm
Package 1 Weight	762.0 g

### Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes
Circularity Profile	No need of specific recycling operations

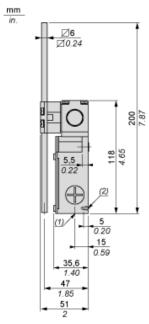
### Contractual warranty

10/	40
Warranty	18 months

## Product data sheet **Dimensions Drawings**

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### **Dimensions**



- 3 tapped entries ISO M20x1.5 2 centring holes Ø 3.9  $\pm$  0.2, for cover fixing holes alignment.

### Product data sheet Connections and Schema

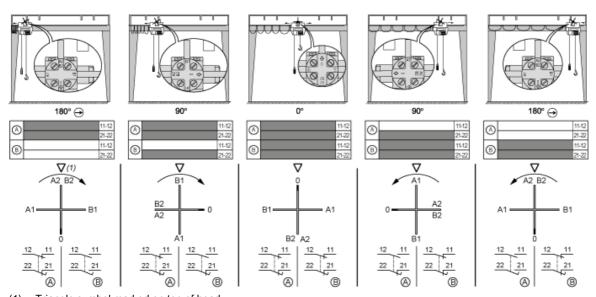
## XCKMR54D1H29EX

### Wiring Diagram

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

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### Functionnal Diagram



(1) Triangle symbol marked on top of head.