

XCKMR54D1H29EX

Limit switch, Limit switches XC Standard, 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 1 x 0.34...2 x 1.5 mm ²
Cable entry number	1 tapped entry M20 x 1.5 cable gland (included) 0.28...0.51 in (7...13 mm) 2 tapped entry 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	4.43 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

Complementary

Minimum actuation speed	6 m/min
Maximum displacement angle	180 ° -180 °
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A EN 60947-5-1 A300, AC-15 (Ue = 240 V), Ie = 3 A IEC 60947-5-1 appendix A Q150, DC-13 (Ue = 125 V), Ie = 0.55 A EN 60947-5-1 Q150, DC-13 (Ue = 125 V), Ie = 0.55 A IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 VUL 508 500 VNF C 20-040 group C 500 V 3)IEC 60947-1 500 V 3)VDE 0110
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3 25 MOhm NF C 93-050 method A

[Uimp] rated impulse withstand voltage	6 KV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse 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

Shock resistance	50 gn IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz)IEC 60068-2-6
Electrical shock protection class	Class I IEC 60536 Class I NF C 20-030
Ambient Air Temperature for Operation	-4...140 °F (-20...60 °C)
Protective treatment	TC
Dust zone	Zone 21 - 22
Product Certifications	INERIS 04ATEX0014X IEC-Ex INE 17.0020X
Standards	EN/IEC 60079-31 EN/IEC 60079-0
Directives	2014/34/EU - ATEX directive

Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389118027978
Nbr. of units in pkg.	1
Package weight(Lbs)	26.88 oz (762.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.54 in (9.0 cm)
Package 1 width	3.54 in (9.0 cm)
Package 1 Length	9.06 in (23.0 cm)

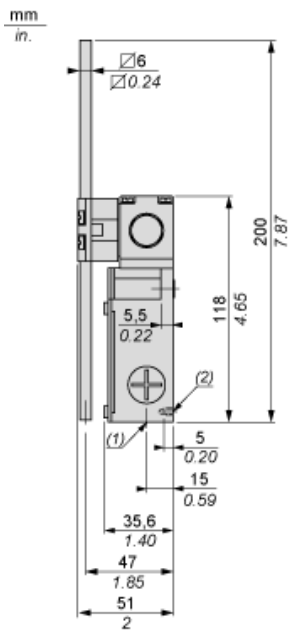
Offer Sustainability

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
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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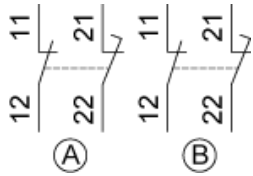
Dimensions



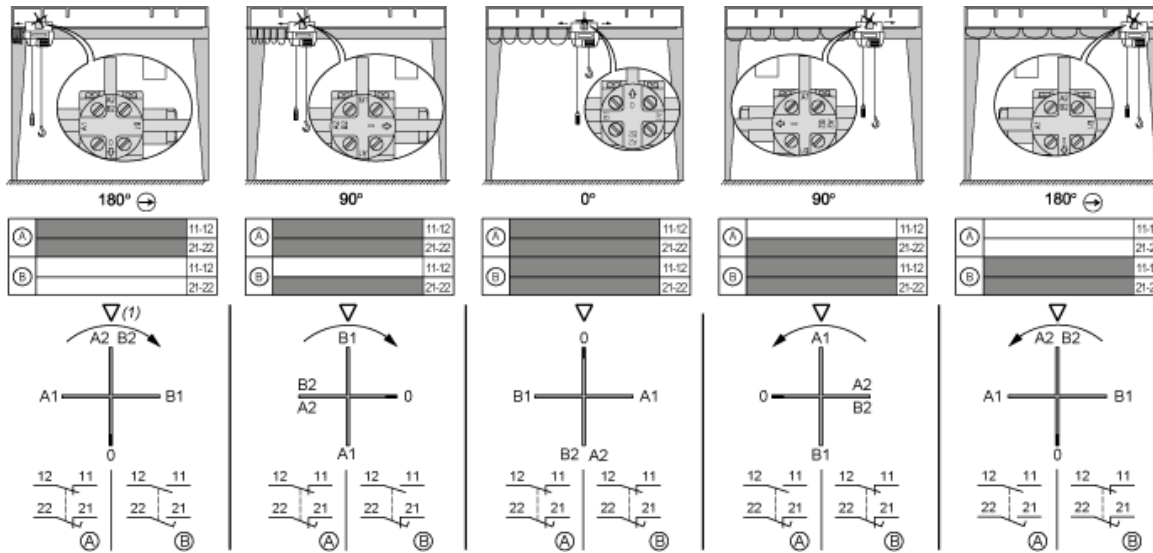
- (1) 3 tapped entries ISO M20x1.5
- (2) 2 centring holes $\varnothing 3.9 \pm 0.2$, for cover fixing holes alignment.

Wiring Diagram

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



Functionnal Diagram



(1) Triangle symbol marked on top of head.