

XCKMR54D2H29EX

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	Reversed 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 0.34...2 x 1.5 mm ²
Cable entry number	1 tapped entry for M20 x 1.5 cable gland (included) 7...13 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 EN 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 EN 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

[Uimp] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
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= 10...500 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	-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

Packing Units

Package 1 Weight	0.610 kg
Package 1 Height	1.960 dm
Package 1 width	0.800 dm
Package 1 Length	0.770 dm

Offer Sustainability

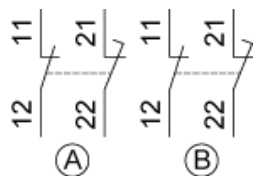
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

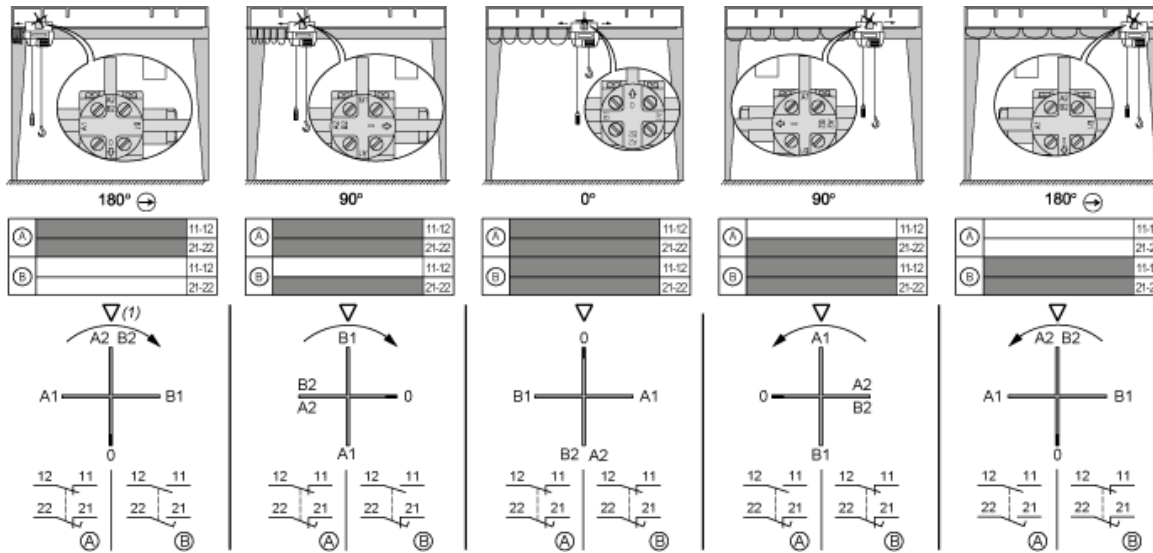
Warranty	18 months
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Wiring Diagram

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



Functionnal Diagram



(1) Triangle symbol marked on top of head.