

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 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 IEC 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 IEC 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[RETURN]IEC-Ex INE 17.0020X
Standards	IEC 60079-31 IEC 60079-0
Directives	2014/34/EU - ATEX directive

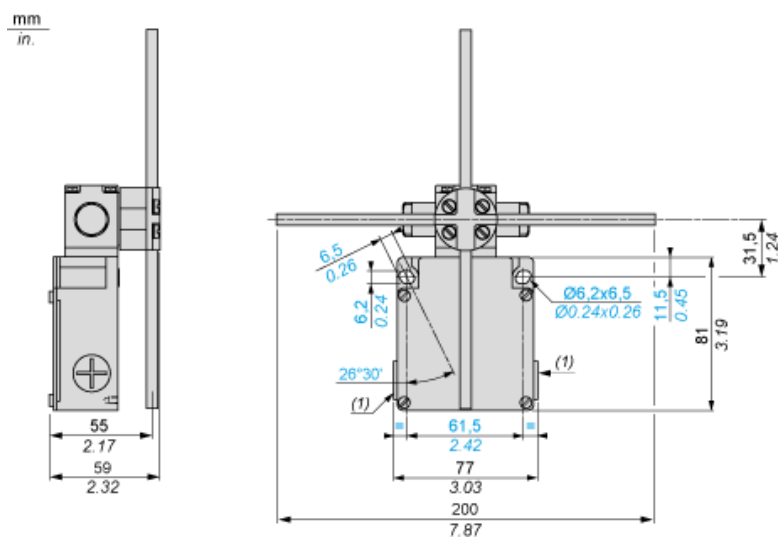
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.72 in (19.6 cm)
Package 1 Width	3.15 in (8 cm)
Package 1 Length	3.03 in (7.7 cm)
Package 1 Weight	21.52 oz (610 g)

Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	No need of specific recycling operations
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Dimensions

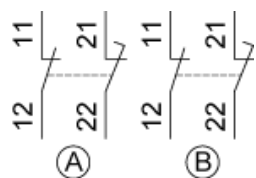


(1) 3 tapped entries ISO M20x1.5

Ø : 2 elongated holes 6.2 x 6.5, inclined at 26°30' to the vertical axis, for M5 screws.

Wiring Diagram

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



Functionnal Diagram

