

XCKMR54D2H29EX

limit switch XCK-MR - square rod 6 mm
crossed - 2 x (2 NC) - ATEX

Main

Range of product	Osiswitch ATEX D
Series name	Classic
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
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
Number of poles	4
Contacts type and composition	2 x (2 NC)
Contacts insulation form	Zb
Contacts operation	Slow-break, break before make
Number of steps	2
Positive opening	With
Minimum torque for tripping	0.5 N.m
Maximum actuation speed	1.5 m/s
IP degree of protection	IP66 IEC 60529

Complementary

Movement of operating head	Rotary
Cable entry	3 entries tapped for M20 x 1.5 cable gland 7...13 mm
Contact block per direction (control circuit)	1 per direction
Minimum actuation speed	6 m/min
Maximum displacement angle	-180 ° 180 °
Contact code designation	A300 AC-15 240 V 3 A IEC 60947-5-1 appendix A A300 AC-15 240 V 3 A EN 60947-5-1 Q150 DC-13 125 V 0.55 A IEC 60947-5-1 appendix A Q150 DC-13 125 V 0.55 A EN 60947-5-1
[Ui] rated insulation voltage	300 V UL 508 500 V 3 IEC 60947-1 500 V 3 VDE 0110 500 V NF C 20-040 group C
Resistance across terminals	≤ 25 mOhm NF C 93-050 method A ≤ 25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1 6 kV IEC 60664
Short circuit protection	10 A cartridge fuse gG
Mechanical durability	2000000 cycles
Marking	II2 D-Ex tD A21 IP66/67 T85°C

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Width	118 mm
Height	77 mm
Depth	59 mm

Environment

Shock resistance	50 gn IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz IEC 60068-2-6
Class of protection against electric shock	Class I IEC 60536 Class I NF C 20-030
Ambient air temperature for operation	-20...60 °C
Protective treatment	TC
Dust zone	Zone 21 - 22
Product certifications	INERIS 04ATEX0014X
Standards	Directive ATEX 94/9/EC EN 50014 EN 50281-1-1 IEC 61241-0 IEC 61241-1
RoHS EUR conformity date	3Q2009
RoHS EUR status	Will be compliant