



Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	OsiSense ATEX D
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	Metal stay put crossed rods lever, 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) for cable gland (included), cable outer diameter: 0.28...0.51 in (7...13 mm) 2 tapped entry (M20 x 1.5) for cable gland
Number of poles	4
Contacts type and composition	2 x (2 NC)
Contacts insulation form	Zb
Contacts operation	Slow-break, staggered
Number of steps	2
Contact block per direction (control circuit)	1 per direction
Positive opening	With
Minimum torque for tripping	4.42 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	Q150, DC-13 (125 V, $I_e = 0.55$ A) conforming to IEC 60947-5-1 appendix A Q150, DC-13 (125 V, $I_e = 0.55$ A) conforming to EN 60947-5-1 A300, AC-15 (240 V, $I_e = 3$ A) conforming to IEC 60947-5-1 appendix A A300, AC-15 (240 V, $I_e = 3$ A) conforming to EN 60947-5-1
[Ui] rated insulation voltage	500 V, pollution degree: 3 conforming to VDE 0110 500 V, pollution degree: 3 conforming to IEC 60947-1 500 V conforming to NF C 20-040 group C 300 V conforming to UL 508
Resistance across terminals	<= 25 MΩ conforming to NF C 93-050 method A <= 25 MΩ conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-1 6 kV conforming to IEC 60664
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	4.65 in (118 mm)
Height	3.03 in (77 mm)
Depth	2.32 in (59 mm)

Environment

Shock resistance	50 gn conforming to IEC 60068-2-27
Class of protection against electric shock	Conforming to NF C 20-030 Class I conforming to IEC 60536
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Protective treatment	TC
Dust zone	Zone 21 - 22
Product certifications	INERIS 04ATEX0014X
Standards	Directive ATEX 94/9/EC EN/IEC 60079-0 EN/IEC 60079-31

Ordering and shipping details

Category	22449 - LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	003389118027978
Nbr. of units in pkg.	1
Package weight(Lbs)	0.70
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0936 -  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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Mouser Electronics

Authorized Distributor

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