

Product data sheet

Characteristics

XCKMR54D1H29

Limit switch, Limit switches XC Standard, XCKMR, stay put crossed rods lever 6 mm, 2x(2 NC), slow, M20



Main

Range of Product	OsiSense XC
Series name	Special 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
Body Material	Zamak
Head material	Zamak
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
Type of approach	Lateral approach, 2 directions
Cable entry	3 entries tapped for M20 x 1.5 cable gland 0.28... 0.51 in (7...13 mm)
Number of poles	4
Contacts type and composition	2 x (2 NC)
Contact operation	Slow-break, staggered

Complementary

Switch actuation	By any moving part
Electrical connection	Screw-clamp terminals 1 x 0.5...2 x 2.5 mm ²
Contacts insulation form	Zb
Number of steps	5 electrical positions
Contact block per direction [control circuit]	1 per direction
Positive opening	With
Positive opening minimum torque	6.64 lbf.in (0.75 N.m)
Minimum torque for tripping	4.43 lbf.in (0.5 N.m)
Minimum actuation speed	6 m/min
Maximum actuation speed	4.92 ft/s (1.5 m/s) actuation point on the rod between 65 and 95 mm
Maximum displacement angle	-180 ° 180 °
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A EN/IEC 60947-5-1 appendix A Q150, DC-13 (Ue = 125 V), Ie = 0.55 A EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 500 V 3)EN/IEC 60947-1
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[Uiimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV EN/IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Mechanical durability	2000000 cycles

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Width	7.87 in (200 mm)
Height	4.65 in (118 mm)
Depth	2.32 in (59 mm)
Net Weight	1.21 lb(US) (0.55 kg)
Terminals description ISO n°1	(11-12)NC (21-22)NC

Environment

Shock resistance	50 gn EN/IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz)EN/IEC 60068-2-6
IP degree of protection	IP66 conforming to EN/IEC 60529
IK degree of protection	IK07 EN 50102
Electrical shock protection class	Class I IEC 60536
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Protective treatment	TC
Product Certifications	CSA UL CCC CE
Standards	EN/IEC 60947-5-1 CSA C22.2 No 14 UL 508

Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389110681970
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.74 in (9.500 cm)
Package 1 Width	3.15 in (8.000 cm)
Package 1 Length	7.87 in (20.000 cm)
Package 1 Weight	26.28 oz (745.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	10.98 lb(US) (4.979 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	96
Package 3 Height	30.31 in (77.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	23.62 in (60.000 cm)
Package 3 Weight	192.89 lb(US) (87.492 kg)

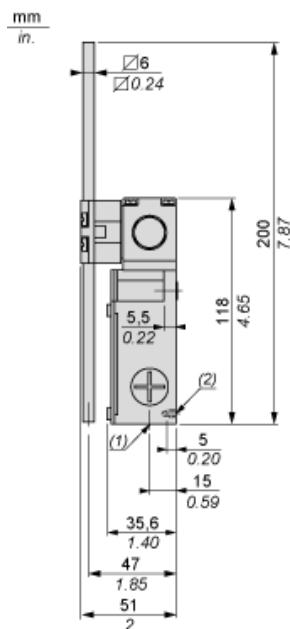
Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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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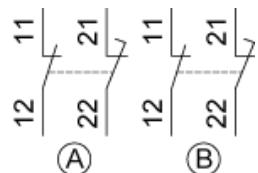
Dimensions



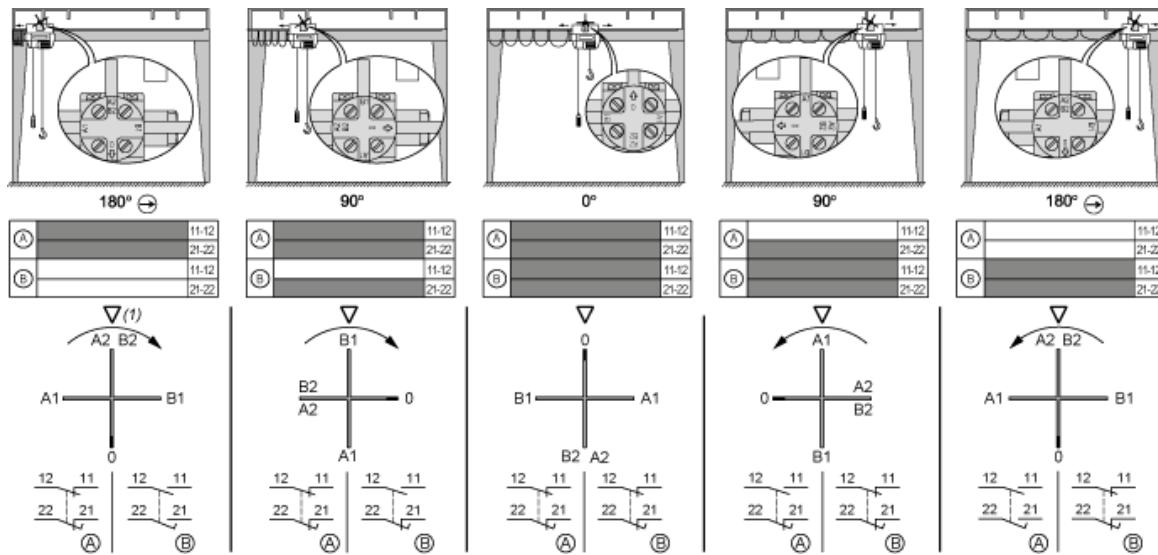
(1) 3 tapped entries ISO M20x1.5
(2) 2 centring holes Ø 3.9 ± 0.2, for cover fixing holes alignment.

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.