



### 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	Reversed rotary head
Material	Plastic
Body material	(PBT+PC)-GF30 FR
Head material	(PBT+PC)-GF30 FR
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	1 entry tapped and 2 breakout holes 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 <sup>2</sup>
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
[Uimp] rated impulse withstand voltage	6 KV IEC 60664 6 kV EN/IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Mechanical durability	1000000 cycles
Width	7.87 in (200 mm)
Height	7.87 in (200 mm)

Depth	2.60 in (66 mm)
Net weight	0.71 lb(US) (0.32 kg)
Terminals description ISO n°1	(21-22)NC (11-12)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	IP65 EN/IEC 60529
IK degree of protection	IK04 EN 50102
Electrical shock protection class	Class II IEC 60536
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Product certifications	CCC UL CE CSA
Standards	EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14

## Ordering and shipping details

Category	22449 - LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	03389119077507
Nbr. of units in pkg.	1
Package weight(Lbs)	0.95 lb(US) (0.43 kg)
Returnability	No
Country of origin	ID

## Packing Units

Package 1 Height	0.900 dm
Package 1 width	0.780 dm
Package 1 Length	1.950 dm

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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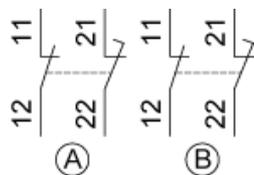


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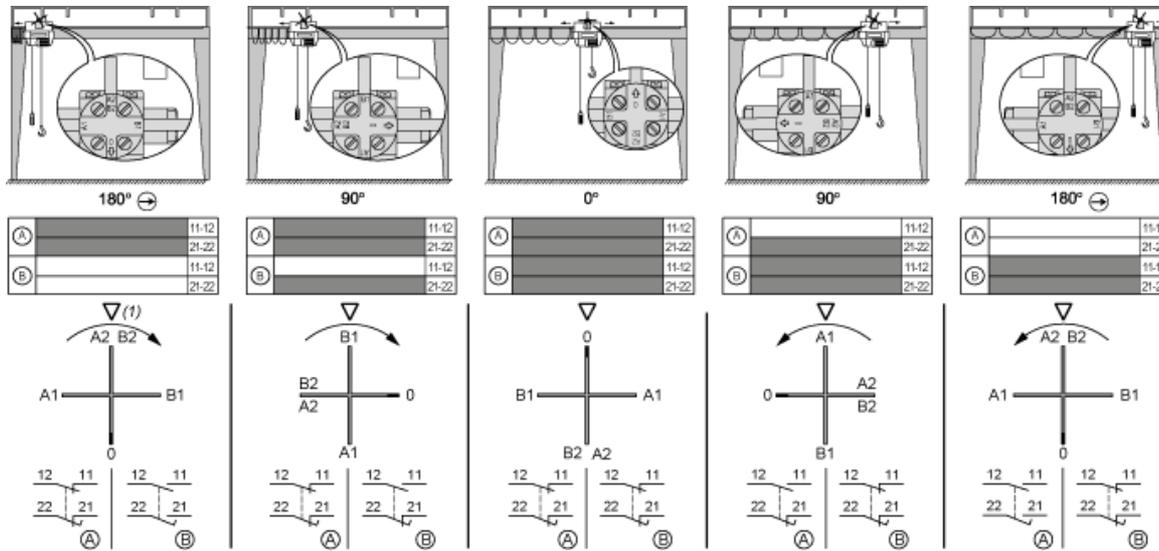
## Wiring Diagram

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



Functionnal Diagram



(1) Triangle symbol marked on top of head.