

# XCKMR44D1H29

Limit switch, Limit switches XC Standard, XCKMR, stay put crossed rods lever 6 mm, 2x(NC+NO), 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, cable outer diameter: 7...13 mm
Number of poles	4
Contacts type and composition	2 x (1 NC + 1 NO)
Contact operation	Slow-break, break before make

## Complementary

Switch actuation	By any moving part
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.5...2 x 2.5 mm <sup>2</sup>
Contacts insulation form	Zb
Number of steps	4 electrical positions
Contact block per direction [control circuit]	2 per direction
Positive opening	Without
Minimum torque for tripping	0.5 N.m
Minimum actuation speed	6 m/min
Maximum actuation speed	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 (U <sub>e</sub> = 240 V), I <sub>e</sub> = 3 A, I <sub>the</sub> = 10 A conforming to IEC 60947-5-1 appendix A Q150, DC-13 (U <sub>e</sub> = 125 V), I <sub>e</sub> = 0.55 A conforming to IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 500 V (pollution degree 3) conforming to IEC 60947-1
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG
Mechanical durability	2000000 cycles
Width	200 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Height	118 mm
Depth	59 mm
Net weight	0.55 kg
Terminals description ISO n°1	(21-22)NC (13-14)NO

## Environment

Shock resistance	50 gn conforming to IEC 60068-2-27
Vibration resistance	25 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP66 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Electrical shock protection class	Class I conforming to IEC 60536
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Protective treatment	TC
Product certifications	CE[RETURN]CCC[RETURN]UL[RETURN]CSA
Standards	CSA C22.2 No 14 UL 508 IEC 60947-5-1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	8.0 cm
Package 1 Length	20.0 cm
Package 1 Weight	745.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.97 kg
Unit Type of Package 3	P06
Number of Units in Package 3	96
Package 3 Height	80.0 cm
Package 3 Width	80.0 cm
Package 3 Length	60.0 cm
Package 3 Weight	87.3 kg

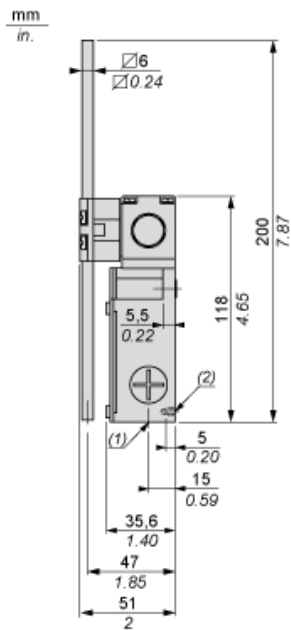
## Offer Sustainability

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>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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Dimensions



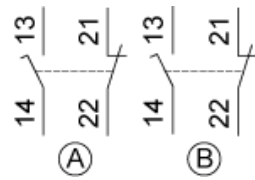
- (1) 3 tapped entries ISO M20x1.5
- (2) 2 centring holes  $\varnothing 3.9 \pm 0.2$ , for cover fixing holes alignment.

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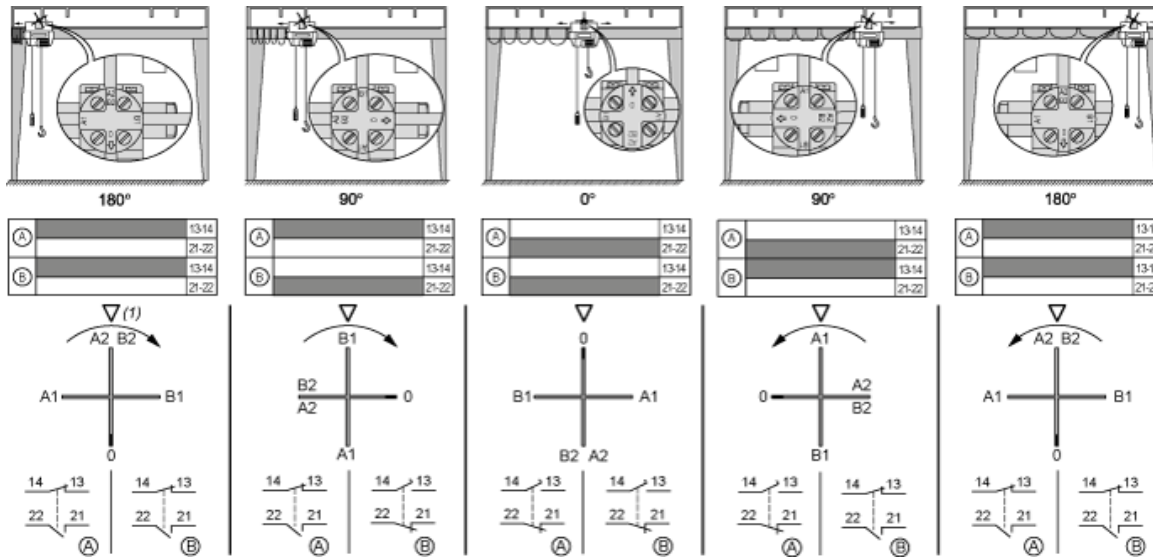
## Wiring Diagram

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2 x 2-pole NC+NO Break Before Make, Slow Break



Functionnal Diagram



(1) Triangle symbol marked on top of head.