Product data sheet
Characteristics

XCKVR44D1H29
limit switch XCKVR - stay put crossed rods lever 6mm - 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	XCKVR
Body type	Fixed
Head type	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, 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 mm²
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 (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A Q150, DC-13 (Ue = 125 V), Ie = 0.55 A conforming to EN/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 EN/IEC 60947-1
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	IEC 60664 6 kV EN/IEC 60947-1 6 kV
Short-circuit protection	10 A cartridge fuse, type gG
Mechanical durability	1000000 cycles
Width	200 mm
Height	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.
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Depth	57 mm
Net weight	0.32 kg
Terminals description ISO n°1	(21-22)NC (13-14)NO

Environment

Shock resistance	50 gn conforming to EN/IEC 60068-2-27
Vibration resistance	25 gn (f= 10…500 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP65 conforming to EN/IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Electrical shock protection class	Class II conforming to IEC 60536
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…70 °C
Protective treatment	TC
Product certifications	CE CSA CCC UL
Standards	UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1

Packing Units

Package 1 Weight	0.385 kg
Package 1 Height	0.900 dm
Package 1 width	0.780 dm
Package 1 Length	1.950 dm

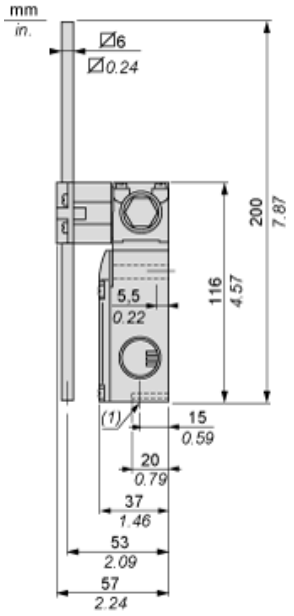
Offer Sustainability

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

Contractual warranty

Warranty	18 months

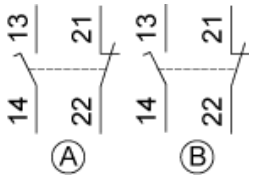
Dimensions



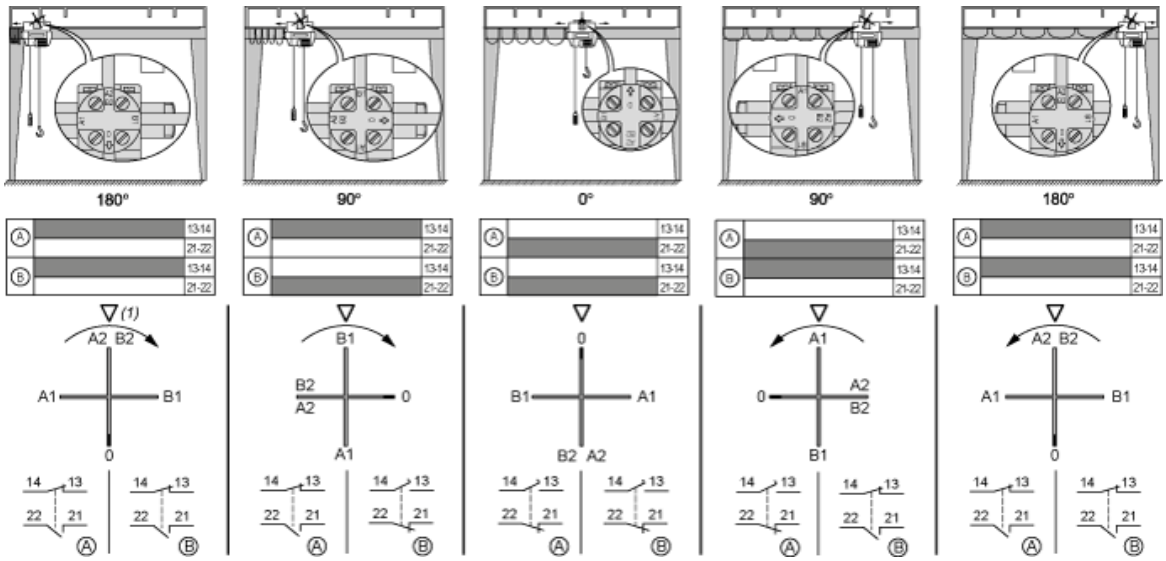
(1) 1 tapped entry ISO M20x1.5

Wiring Diagram

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



Functionnal Diagram



(1) Triangle symbol marked on top of head.