Product data sheet
Characteristics

XCKVR54D1H29
limit switch XCKVR - stay put crossed rods lever 6mm - 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	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 (2 NC)
Contacts operation	Slow-break, staggered

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	5 electrical positions
Contact block per direction (control circuit)	1 per direction
Positive opening	With
Positive opening minimum torque	0.75 N.m
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	Q150, DC-13 (Ue = 125 V, Ie = 0.55 A) conforming to EN/IEC 60947-5-1 appendix A A300, AC-15 (Ue = 240 V, Ie = 3 A) , Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	500 V degree of pollution 3 conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14 300 V conforming to UL 508
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1 6 kV conforming to IEC 60664
Short circuit protection	10 A by gG cartridge fuse
Mechanical durability	1000000 cycles
Width	200 mm

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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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Height	200 mm
Depth	57 mm
Product weight	0.32 kg
Terminals description ISO n°1	(11-12)NC (21-22)NC

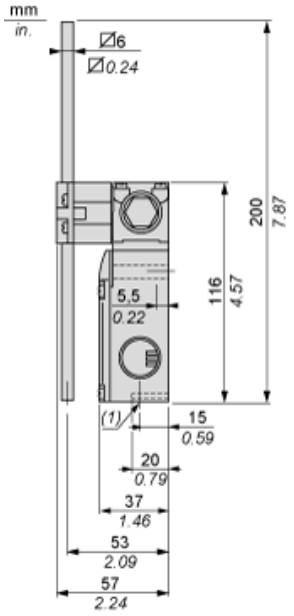
Environment

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
Class of protection against electric shock	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	CCC CE CSA UL
Standards	EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1227 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

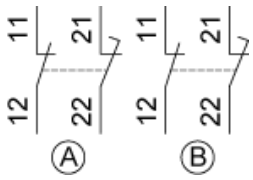
Dimensions



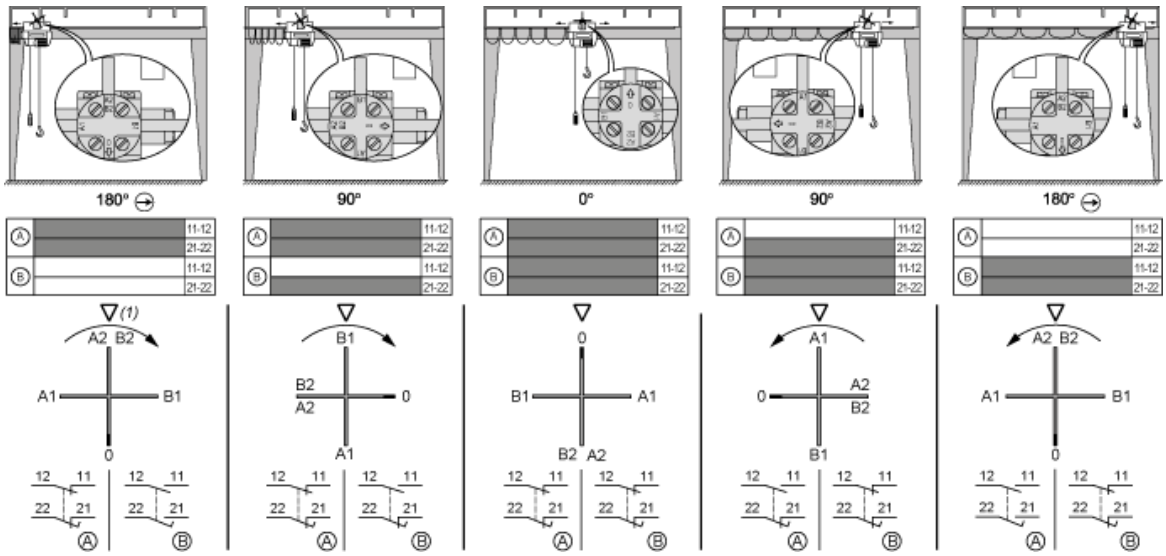
(1) 1 tapped entry ISO M20x1.5

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.