Product data sheet
Characteristics

XCKMR54D1H29
limit switch XCKMR - 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
Sensor design	-
Body type	Fixed
Head type	Rotary head
Material	Metal
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Metal stay put crossed rods lever (square rod 6 mm, L = 200 mm)
Type of approach	2 directions lateral approach
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm²
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 (2 NC)
Contacts operation	Slow-break, break before make
Positive opening	With

Complementary

Switch actuation	By any moving part
Contacts insulation form	Zb
Number of steps	2
Contact block per direction (control circuit)	1 per direction
Minimum torque for tripping	0.5 nm
Minimum actuation speed	6 m/min
Maximum actuation speed	1.5 m/s
Maximum displacement angle	--180 ° 180 °
Repeat accuracy	0.3 mm on the tripping points
Contact code designation	A300, AC-15 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	500 V conforming to NF C 20-040 group C 500 V degree of pollution 3 conforming to IEC 60947-1 500 V degree of pollution 3 conforming to VDE 0110 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 IEC 60664 6 kV conforming to IEC 60947-1
Short circuit protection	10 A by gG cartridge fuse
Mechanical durability	2000000 cycles
Product weight	0.55 kg

CAD overall width	200 mm
CAD overall height	200 mm
CAD overall depth	51 mm
Terminals description ISO n°1	(11-12)NC (21-22)NC

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
Class of protection against electric shock	Class I conforming to IEC 61140 Class I conforming to NF C 20-030
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Protective treatment	TC
Product certifications	CSA UL
Standards	CSA C22-2 No 14 EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 NF C 79-130 UL 508