Product data sheet
Characteristics

XCKMR54D1
limit switch XCKMR - metal stay put crossed rods lever 6mm, L= 200 mm - 2x(2 NC)

Main

Range of product	Osiswitch
Series name	Classic
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
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
Electrical connection	Screw-clamp terminals 1 x 0.34...2 x 1.5 mm²
Cable entry	3 entries tapped for Pg 13.5 cable gland 9...12 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 N.m
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 3 A EN/IEC 60947-5-1 appendix A Q300 DC-13 250 V 0,27 A EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V UL 508 300 V CSA C22-2 No 14 500 V 3 IEC 60947-1 500 V 3 VDE 0110 500 V NF C 20-040 group C
Resistance across terminals	≤ 25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1 6 kV IEC 60664
Short circuit protection	10 A cartridge fuse gG
Mechanical durability	2000000 cycles
Product weight	0,55 kg

Environment

Shock resistance	50 gn IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz IEC 60068-2-6
IP degree of protection	IP66 IEC 60529
Class of protection against electric shock	Class I IEC 61140 Class I 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
RoHS EUR conformity date	2Q2009
RoHS EUR status	Will be compliant