

XCRT115

Limit switch, Limit switches XC Standard, XCRT, metal enclosure zinc plated steel roller with lever, 2C/O

Main

Range of Product	OsiSense XC
Series name	Special format
Product or Component Type	Limit switch
Product Specific Application	For conveyor belt shift monitoring
Device short name	XCRT
Sensor design	-
Body type	Fixed
Head type	Rotary head
Material	Metal
Fixing Mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller zinc plated steel with lever
Type of approach	Lateral approach, 2 directions
Electrical connection	Screw-clamp terminals 1 x 0.5...2 x 2.5 mm ²
Number of poles	2
Contacts type and composition	2 C/O
Contact operation	Snap action
Contact block per direction [control circuit]	2 per direction
Positive opening	Without

Complementary

Body Material	Zinc alloy
Switch actuation	By conveyor belt
Cable entry	1 entry tapped for Pg 13.5 cable gland 0.4...0.5 in (9...12 mm) NF C 68-300
Contacts insulation form	Za
Number of steps	2
Minimum torque for tripping	8.9 lbf.in (1 N.m)
Minimum actuation speed	0.01 m/min
Tripping angle	10 ° fault signalling 18 ° stopping of the conveyor belt
Maximum displacement angle	-90 ° 90 °
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V), Ie = 0.27 A IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 VUL 508 500 V 3)IEC 60947-1 500 V 3)VDE 0110 300 VCSA C22.2 No 14
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 kV IEC 60664 6 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG

Electrical durability	5000000 Cycles, DC-13, inductive, 120 V, 4 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13, inductive, 24 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive, 48 V, 10 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Mechanical durability	300000 cycles
Width	3.3 in (85 mm)
Height	3.7 in (95 mm)
Depth	3.0 in (75 mm)
Net Weight	2.58 lb(US) (1.17 kg)
Terminals description ISO n°1	(11-12)NC (13-14)NO

Environment

Shock resistance	30 gn 18 ms IEC 60068-2-27
Vibration resistance	9 gn 10...500 Hz)IEC 60068-2-6
IP degree of protection	IP65 conforming to IEC 60529
Overvoltage category	Class I IEC 61140 Class I NF C 20-030
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Standards	IEC 60947-5-1 NF C 79-130 CSA C22.2 No 14 IEC 60947-5-1 IEC 60204-1 IEC 60204-1

Ordering and shipping details

Category	US1000T22449
Discount Schedule	000T
GTIN	3389110652499
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.54 in (9.000 cm)
Package 1 Width	9.25 in (23.500 cm)
Package 1 Length	5.24 in (13.300 cm)
Package 1 Weight	2.879 lb(US) (1.306 kg)
Unit Type of Package 2	S02
Number of Units in Package 2	4
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	12.644 lb(US) (5.735 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	64
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	216.238 lb(US) (98.084 kg)

Offer Sustainability

SCIP Number	F2b5ee3e-b32f-45da-9209-410127ab09a3
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 www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months
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