Product data sheet
Characteristics

XCJ103
Limit switch, Limit switches XC Standard, XCJ, steel roller plunger for traverse approach, 1C/O

Main

Range of product	OsiSense XC
Series name	Asie
Product or component type	Limit switch
Product specific application	Light to medium duty
Device short name	XCJ
Body type	Fixed
Head type	Plunger head
Material	Plastic
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger stainless steel
Switch actuation	By 30° cam
Type of approach	Traverse approach, 1 direction
Electrical connection	Screw-clamp terminals
Cable entry	1 flexible rubber cable gland, cable outer diameter: 8.5…10.5 mm
Number of poles	1
Contact operation	Snap action
Positive opening	Without
Maximum force for tripping	5.88 N

Complementary

Contacts insulation form	C
Minimum release force	0.98 N
Minimum actuation speed	0.01 mm/s
Maximum actuation speed	0.5 m/s
Maximum operating rate	120 cyc/mn
Contact code designation	A300, AC (Ue = 240 V), Ie = 10 A, Ithe = 10 A conforming to IEC 60947-5-1 R300, DC (Ue = 220 V), Ie = 0.3 A conforming to IEC 60947-5-1
Maximum resistance across terminals	25 MOhm
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60664
Electrical durability	800000 cycles, AC, 10 A, 220 V
Mechanical durability	10000000 cycles
Width	21 mm
Height	42 mm
Depth	54 mm
Net weight	0.088 kg
Terminals description ISO n°1	(NO-NC-C)OF

Environment

Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	+/- 3 mm (f= 10…55 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP40 conforming to IEC 60529
Electrical shock protection class	Class II conforming to EN/IEC 60947-5-1
Ambient air temperature for operation	-10…80 °C
Product certifications	UL recognized
Standards	UL 1054

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.176 cm
Package 1 Width	6.916 cm
Package 1 Length	7.791 cm
Package 1 Weight	91 g

Offer Sustainability

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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months