Product data sheet
Characteristics

XCE106CTQ
Cat’s whisker, sold in lots of 10



Main

Range of product	OsiSense XC
Series name	Basic
Product or component type	Limit switch
Product specific application	Medium duty
Device short name	XCE
Body type	Fixed
Head type	Multi-directional head
Material	Plastic and metal
Fixing mode	By the body
Movement of operating head	Multi-directional
Type of operator	Cat""s whisker steel
Switch actuation	By any moving part
Type of approach	Multi-directional approach
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1.5 mm²
Cable entry	1 flexible rubber cable gland, cable outer diameter: 6…9 mm
Number of poles	2
Contact operation	Snap action
Positive opening	Without
Maximum force for tripping	1.5 N

Complementary

Contacts insulation form	Za
Minimum release force	0.04 N
Minimum actuation speed	5 mm/s
Maximum actuation speed	1 m/s
Maximum operating rate	120 cyc/mn
Contact code designation	A300, AC (Ue = 240 V), Ie = 3 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, 3 A, 220 V
Mechanical durability	10000000 cycles
Width	28 mm
Height	170 mm
Depth	25 mm
Net weight	0.11 kg
Terminals description ISO n°1	(3-4-1-2)OF

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Environment

Shock resistance	30 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	IP65 conforming to IEC 60529
Electrical shock protection class	Class I conforming to EN/IEC 60947-5-1
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…70 °C
Marking	CE CCC
Standards	IEC 60947-5-1 GB 14048.5

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months