Product data sheet
Characteristics

XCE102TQ
limit switch XCE - steel roller plunger - 1C/O - set of 10

Green Premium

Product Life Status : END OF STANDARD SERVICE

TODAY
FEB 21, 2021

End of Commercialization
JAN 06, 2021

End of Standard Service
FEB 15, 2021



Main

Range of product	OsiSense XC
Series name	Asie
Product or component type	Limit switch
Product specific application	Medium duty
Device short name	XCE
Body type	Fixed
Head type	Plunger head
Material	Plastic and metal
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	Lateral approach, 1 direction
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	1
Contact operation	Snap action
Positive opening	Without
Maximum force for tripping	9 N

Product Life Status : END OF STANDARD SERVICE

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End of Standard Service
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Complementary

Contacts insulation form	Za
Minimum release force	1.5 N
Maximum actuation speed	0.5 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

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[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60664
Electrical durability	800000 cycles, AC, 3 A, 220 V
Mechanical durability	15000000 cycles
Width	28 mm
Height	64 mm
Depth	25 mm
Terminals description ISO n°1	(3-4-1-2)OF

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
Marking	CE
Product certifications	UL recognized CSA
Standards	CSA C22.2 No 14 UL 508 IEC 60947-5-1

Packing Units

Package 1 Weight	0.130 kg
Package 1 Height	1.000 cm
Package 1 width	1.000 cm
Package 1 Length	1.000 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months