

Product datasheet

Specifications



Limit switch, Limit switches XC Standard, XCJ, steel end plunger, 1C/O

XCJ110

! Discontinued on: 25 January 2022

! End-of-service on: 30 June 2022

! Discontinued

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 plunger steel

Switch actuation On end

Type of approach Vertical 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 MΩ
[Uiimp] 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	0.081 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	2.187 cm
Package 1 Width	6.541 cm
Package 1 Length	6.886 cm
Package 1 Weight	91 g

Offer Sustainability

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
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Recommended replacement(s)

XCJ110 is replaced by:

1x



Metal end plunger

XCJ110C