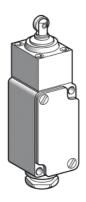
# **XC2JC162**





#### Main

Range of product	OsiSense XC	
Series name	Special format	
Product or component type	Limit switch	
Product specific application	For severe applications	
Device short name	XC2J	
Body type	Fixed	
Head type	Plunger head	
Material	Metal	
Movement of operating head	Linear	
Type of operator	Steel roller plunger	
Switch actuation	By 30° cam	
Type of approach	Lateral approach, 2 directions	
Number of poles	1	
Contact operation	Snap action	
Minimum force for tripping	18 N	
Maximum actuation speed	1.64 ft/s (0.5 m/s)	

#### Complementary

By the body	
Screw-clamp terminals, 1 x 0.52 x 2.5 mm <sup>2</sup>	
1 entry incorporating cable gland, cable outer diameter: 0.240.53 in (613.5 mm)	
Za	
Silver plated contacts	
Without	
0.001 m/min	
AC-15 A300(Ue = 240 V, Ie = 3 A) Ithe = 10 A EN/IEC 60947-5-1 DC-13 Q300(Ue = 250 V, Ie = 0.27 A) EN/IEC 60947-5-1	
500 V conforming to IEC 60947-5-1 500 V conforming to NF C 20-040 group C 300 V conforming to CSA C22.2 No 14	
<= 25 MOhm conforming to IEC 60255-7 category 3 <= 25 MOhm conforming to NF C 93-050 method A	
10 A by cartridge fuse, type gG	
5000000 cycles DC-13, 120 V 4 W, <= 3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles DC-13, 24 V 10 W, <= 3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles DC-13, 48 V 7 W, <= 3600 cyc/h, load factor: 0.5 conforming to IEC 60947-5-1 appendix C	
25000000 cycles	
1.57 in (40 mm)	
5.24 in (133 mm)	
1.61 in (41 mm)	
1.23 lb(US) (0.56 kg)	
(13-14-11-12)OF	

#### **Environment**

shock resistance	25 gn 18 ms conforming to IEC 60068-2-27	
vibration resistance	10 gn (f = 10500 Hz) conforming to IEC 60068-2-6	

IP degree of protection	IP65 conforming to IEC 60529 IP657 conforming to NF C 20-010	
IK degree of protection	IK08	
electrical shock protection class	Class I conforming to IEC 60536 Class I conforming to NF C 20-030	
ambient air temperature for operation	-13158 °F (-2570 °C)	
ambient air temperature for storage	-40158 °F (-4070 °C)	
protective treatment	TC	
product certifications	CSA DEMKO NEMKO	
standards	EN/IEC 60947-5-1 IEC 60337-1 UL 508 VDE 0660-200 CSA C22.2 No 14	

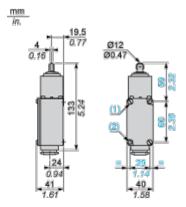
## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1014 - Schneider Electric declaration of conformity	Compliant - since 1014 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	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.	eDi-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 more information go to www.p65warnings.ca.gov

### Contractual warranty

Warranty period	18 months	
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### **Dimensions**



- (1) Fixing from the rear: by 2 M5 screws. Depth of thread on switch: 10 mm.
- (2) Fixing from the front via 2 holes Ø 5.5.

## **Wiring Diagram**

Single-pole CO Snap Action



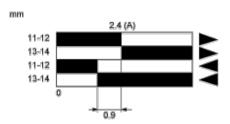


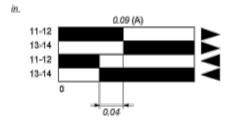
### **Characteristics of Actuation**

#### Switch Actuation by 30° Cam



# **Functionnal Diagram**







- (A) Cam displacement
- (1) Closed
- (2) Open
- (3) Tripping
- (4) Resetting