

XCK-J series


Limit switch

OPERATION INSTRUCTION

Standard: IEC 60947-5-1

CNC

Deliver
Power For Better Life

 Before installing and using this product, please read this manual carefully and pay more attention to safety.

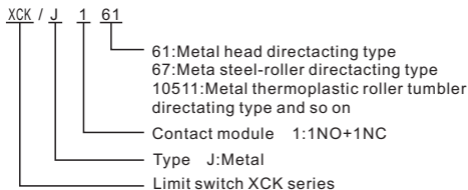
XCK-J series

Limit switch

Usage and Application

The XCK-J limit switch is mainly used for stroke control of motion mechanisms, changing the direction or speed of motion, automatic control of machine tools, limit actions of motion mechanisms, and controlling travel or programming.

Type designation



Operating conditions

The limit switch is guaranteed to operate reliably under the following conditions:

- (1) Altitude does not exceed 2000m.
- (2) Ambient temperature ranges from -5°C to +40°C.
- (3) Relative humidity of the air does not exceed 85% at a temperature of 20°C (+5°C).
- (4) It can be installed at any angle.
- (5) Installation in an environment without impact vibrations, significant shaking, or exposure to rain or snow.


Normal storage and transportation conditions

(1) Temperature: -25°C to $+55^{\circ}\text{C}$.

(2) Relative humidity: $\leq 90\%$

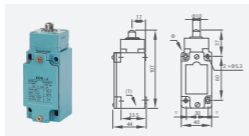
(3) The product should be handled with care during transportation, avoiding inversion and strong collisions

Technical data

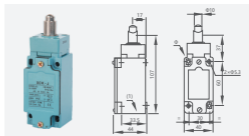
Item	XCK-J mode double insulation, according to standard EN50041						
 2-pole contact terminal Quick	Metal head directacting type	Metal steel-roller directacting type	Metal thermoplastic roller tumbler directacting type	Adjustable length and thermoplastic roller tumbler type	Metal thermoplastic cylindrical tumbler type Diameter=6mm Length=200mm	Thermoplastic roller tumbler directacting type, Single direction with horizontal movement	Multidirection type
Machine life (million times)	30	25	30	30	30	15	30
Motion speed (m/s)	0.5	1	1.5	1.5	1.5	1	1.5
Protection degree	IP65						
Rated work characters	ALTIPAK AC 15; A 300(UE=240V, LE=3A) ALTIVAR DC13; Q 300(UE=250V, LE=0.27A)						
Boundary dimensions: Width×depth×height	41×41×77						
Complete switch (2 poles 1-close+ 1-open, quick)	XCK-J161 XCK-J1161 ⊕	XCK-J167 ⊕	XCK-J10511 XCK-J10531 ⊕	XCK-J10541 XCK-J139 ⊕	XCK-J10559 ⊕	XCK-J121 ⊕	XCK-J108 ⊕

Overall and mounting dimensions(mm)

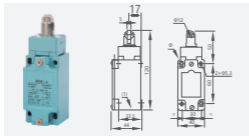
XCK-J161



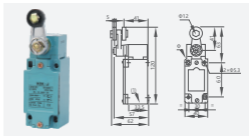
XCK-J1161



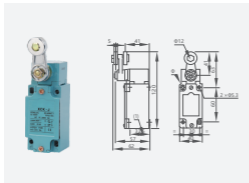
XCK-J167



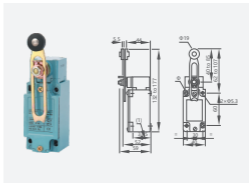
XCK-J10511



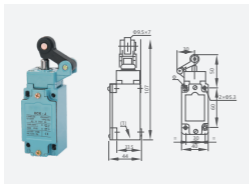
XCK-J10531



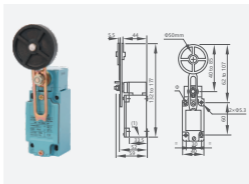
XCK-J10541



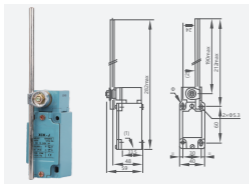
XCK-J121



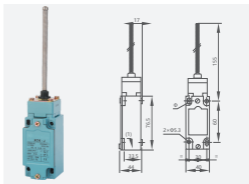
XCK-J139



XCK-J10559



XCK-J108





CERTIFICATE

Product Model: XCK-J series

Standard: IEC 60947-5-1

Inspector: **CNC001**

Production date: Printed on the product
or package.

This product is qualified according
to the delivery inspection

A vertical red bar containing the white text 'CNC'.

XCK-J series

CNC ELECTRIC

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