



Product type designation

KXCN

**General characteristics**

Material

Housing

Aluminium-zinc alloy

**Contact characteristics**

Type of contact

2NC Slow action

Thermal current I<sub>th</sub>

A 10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U<sub>i</sub>

V 440

Rated impulse withstand voltage U<sub>imp</sub>

kV 4

Short-circuit protection with fuse

Class/A 10 gG/SC  
QUICK FUSE

IEC Conventional free air thermal current I<sub>th</sub>

A 10

Resistance per pole (average value)

mΩ <10

Conductivity

10mA 5V

**Mechanical features**

Operating head fixing

Locking bayonet insert

Tightening torque (Max)

Switch fixing

Nm 2.5  
lbin 22.1

Contact terminals

Nm 0.8  
lbin 7

Body lid screw fixing

Nm 0.8  
lbin 7

Conductor section

AWG/Kcmil

min 16  
max 14

IEC

min mm<sup>2</sup> 1or 2  
max mm<sup>2</sup> 2.5

Cable connection

Self-releasing screw terminal

Cable entry

M20 on the sides

**Operations**

Mechanical life

cycles >10000000

**Ambient conditions**

Temperature

Operating temperature

min °C -25  
max °C +70

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

IP degree

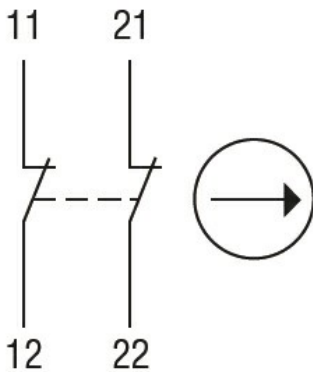
Terminals	IP20
Body housing	IP65

Pollution degree

3

Wiring diagrams

Slow action



2NC

Certifications and compliance

Compliance

- CSA C22.2 n° 14
- EN 50047
- IEC/EN 60204-1
- IEC/EN 60947-1
- IEC/EN 60947-5-1
- UL508

Certificates

- cULus
- EAC

ETIM classification

ETIM 8.0

EC002498 -  
 Accessories/spare  
 parts for low-  
 voltage switch  
 technology