



Product type designation

KXCNS

### General characteristics

Material

Housing

Aluminium-zinc  
alloy

### Contact characteristics

Type of contact

1NO+1NC Snap  
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

Storage temperature	max	°C	+70
	min	°C	-40
	max	°C	+70

## Resistance & Protection

IP degree

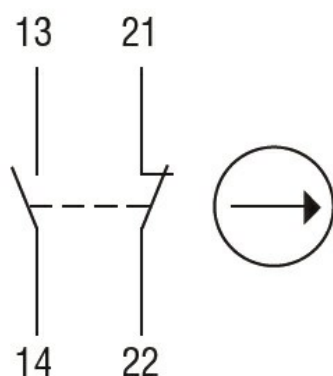
Terminals	IP20
Body housing	IP65

Pollution degree

3

## Wiring diagrams

### Snap action



**1NO + 1NC**

## 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