



Product type designation

KXCN

General characteristics

Material

Housing

Aluminium-zinc alloy

Contact characteristics

Type of contact

2NC Slow action

Thermal current I_{th}

A 10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U_i

V 440

Rated impulse withstand voltage U_{imp}

kV 4

Short-circuit protection with fuse

Class/A 10 gG/SC
QUICK FUSE

IEC Conventional free air thermal current I_{th}

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 mm² 1or 2
max mm² 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

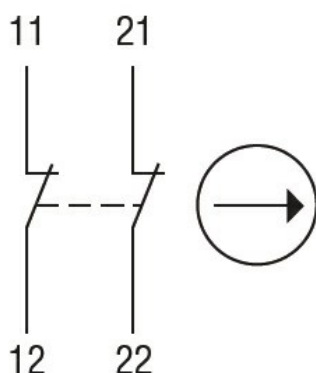
Terminals	IP20
Body housing	IP65

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