



Product type designation

KXCN

**General characteristics**

Material

Housing Aluminium-zinc alloy

**Contact characteristics**

Type of contact		2NC 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 lbin	2.5 22.1
Contact terminals	Nm lbin	0.8 7
Body lid screw fixing	Nm lbin	0.8 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

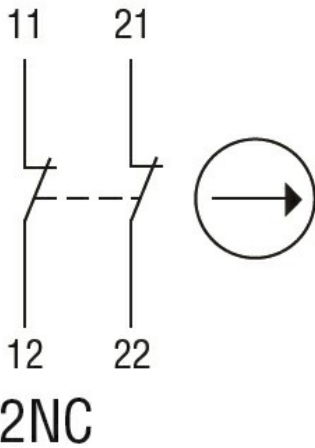
Terminals	IP20
Body housing	IP65

Pollution degree

3

**Wiring diagrams**

**Snap action**



**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