



Product type designation	KXCN		
General characteristics			
Material	Housing		
	Aluminium-zinc alloy		
Contact characteristics			
Type of contact	2NC Snap 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 1 or 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

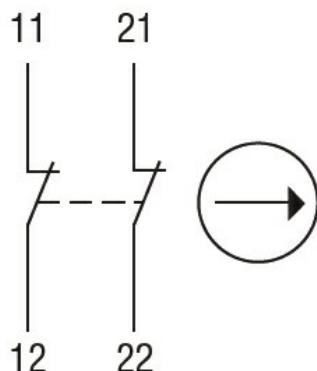
Terminals	IP20
Body housing	IP65

Pollution degree

3

Wiring diagrams

Snap 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