



Product type designation

KXCB

### General characteristics

Material

Housing

Polymer  
thermoplastic

### Contact characteristics

Type of contact		2NC Snap action
Thermal current I <sub>th</sub>	A	10
IEC/EN 60947-5-1 designation		A600 Q300
Rated insulation voltage U <sub>i</sub>	V	690
Rated impulse withstand voltage U <sub>imp</sub>	kV	6
Insulation class		II
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  
bottom

### Operations

Mechanical life cycles >10000000

### Ambient conditions

Temperature

Operating temperature

Storage temperature	min	°C	-25
	max	°C	+70

min	°C	-40
max	°C	+70

## Resistance & Protection

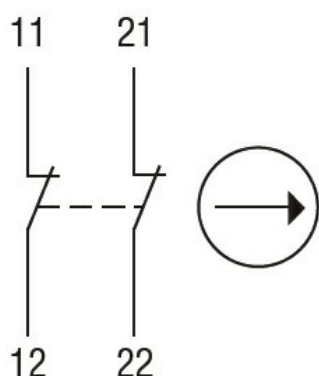
IP degree

Terminals	IP20
Body housing	IP65

Pollution degree	3
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## 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