



Product type designation

KXCBL

**General characteristics**

Material

Housing

Polymer thermoplastic

**Contact characteristics**

Type of contact

1NO+2NC Slow 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 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 bottom

**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

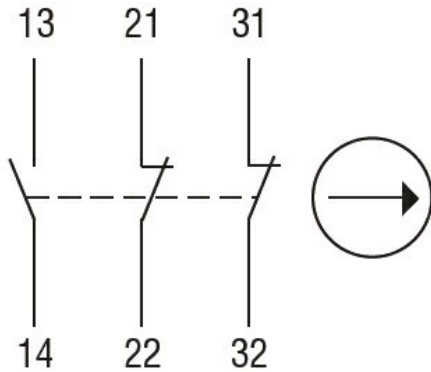
Terminals	IP20
Body housing	IP65

Pollution degree

3

**Wiring diagrams**

**Slow action**



**1NO + 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