



Product designation  
Product type designation

Key operated  
KBN

### General characteristics

Material

Housing

Polymer  
thermoplastic

Key shape

Straight

### Contact characteristics

Type of contact

1NO+2NC Slow  
action

Thermal current I<sub>th</sub>

A

10

IEC/EN 60947-5-1 designation

A600 Q600

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

Switching speed

min  
max

m/s  
m/s

0.5  
1.5

IEC Conventional free air thermal current I<sub>th</sub>

A

10

Resistance per pole (average value)

m?

<10

### Mechanical features

Operating head fixing

Locking bayonet  
insert

Operating torque

N  
lb

8  
1.8

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  
max

16  
14

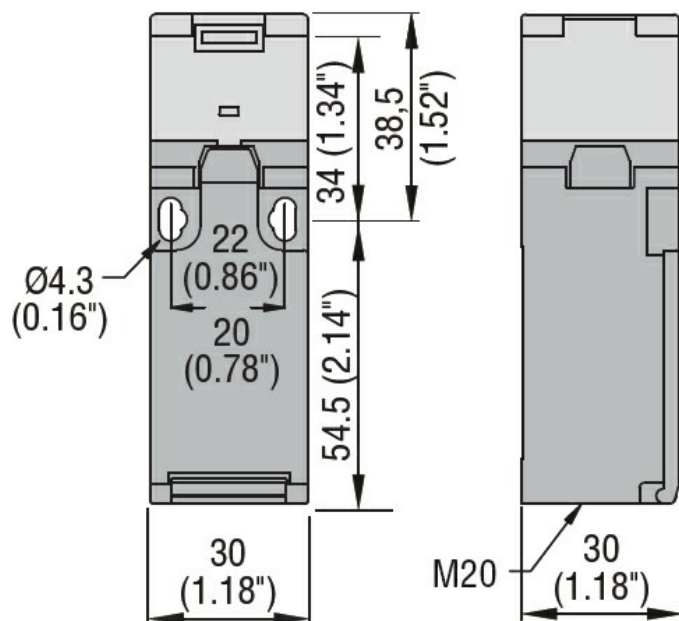
IEC

min  
max

mm<sup>2</sup>  
mm<sup>2</sup>

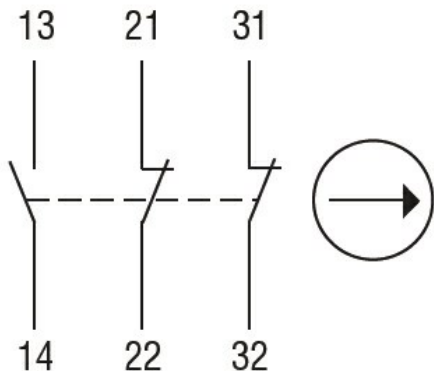
1or 2  
2.5

Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Weight		g	96	
Operations				
Mechanical life		cycles	100000	
B10d		cycles	100000	
Mechanical operation		cycles/h	3600	
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
Dimensions				



## 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

CCC
cULus
EAC

## ETIM classification

ETIM 8.0

EC000030 - End switch