



Key operated  
KCN

Product designation

Product type designation

### General characteristics

Material

Housing

Polymer  
thermoplastic

Key shape

Angled "T"

### Contact characteristics

Type of contact

1NO+1NC 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

m/s

0.5

max

m/s

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

8

lb

1.8

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>

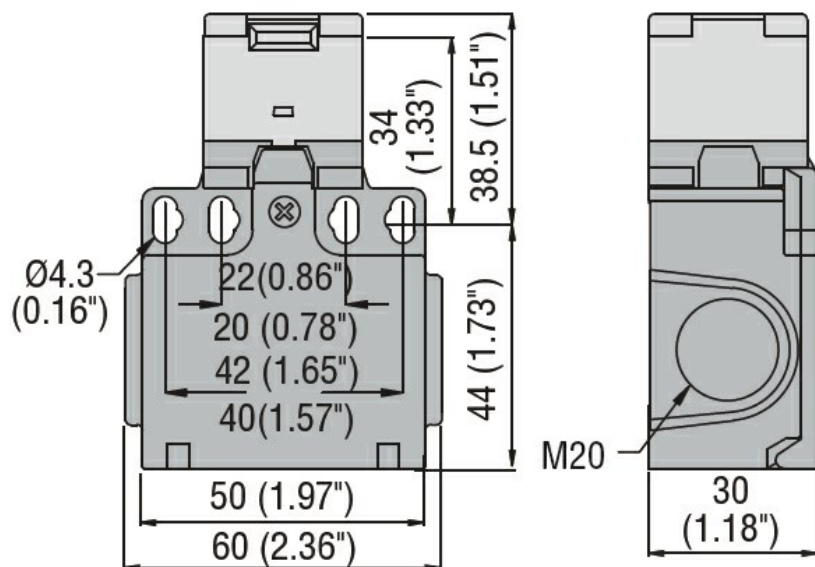
1or 2

max

mm<sup>2</sup>

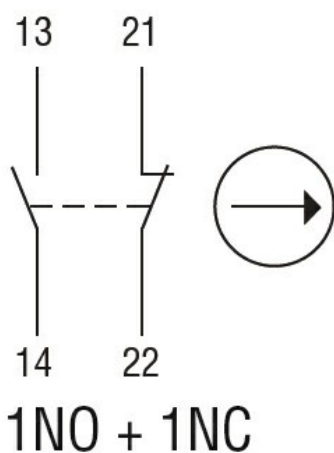
2.5

Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides
Weight			g	107
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



### 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