



Key operated
KCN

Product designation

Product type designation

General characteristics

General characteristics

Housing Material

Polymer
thermoplastic

Key shape

Angled "T"

Contact characteristics

Type of contact

1NO+1NC Slow
action

Thermal current I_{th}

A

10

IEC/EN 60947-5-1 designation

A600 Q600

Rated insulation voltage U_i

V

690

Rated impulse withstand voltage U_{imp}

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_{th}

A

10

Resistance per pole (average value)

mΩ

<10

Operations

Mechanical life

cycles

100000

B10d

cycles

100000

Mechanical operation

cycles/h

3600

Output characteristics

Mechanical life

cycles

100000

Mechanical features

Operating head fixing

Locking bayonet
insert

Operating torque

N
I_b

8
1.8

Tightening torque (Max)

Switch fixing

Nm
I_{bin}

2.5
22.1

Contact terminals

Nm
I_{bin}

0.8
7

Body lid screw fixing

Nm
I_{bin}

0.8
7

Conductor section

AWG/Kcmil

min	16
max	14

IEC

min	mm ²	1 or 2
max	mm ²	2.5

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

Pollution degree	3
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Temperature

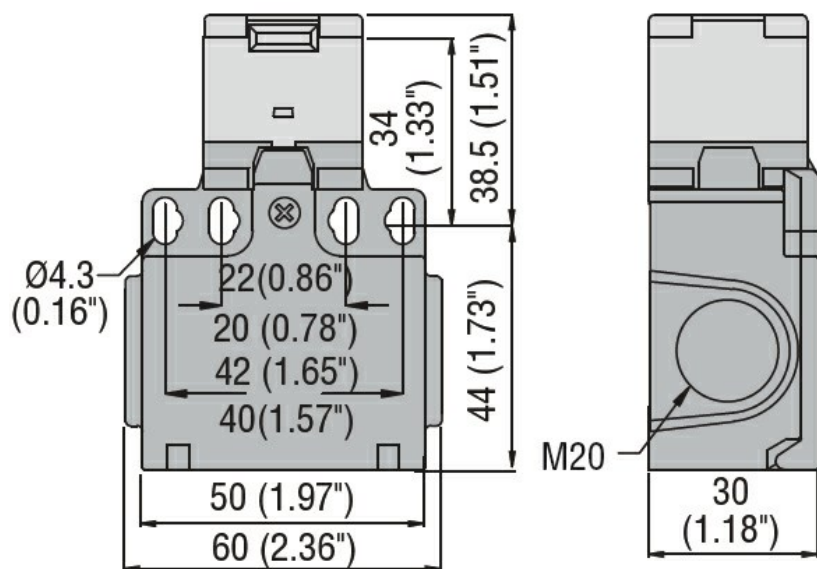
Operating temperature

min	°C	-25
max	°C	+70

Storage temperature

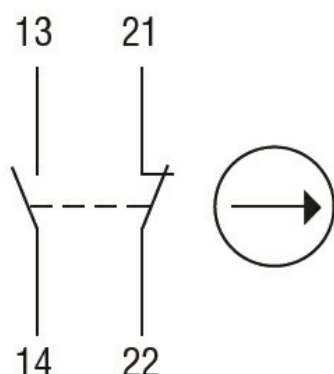
min	°C	-40
max	°C	+70

Dimensions



Wiring diagrams

Slow action



1NO + 1NC

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