



Slotted lever
KNQ

Product designation
Product type designation

General characteristics

General characteristics

Housing Material

Aluminium-zinc alloy

Contact characteristics

Type of contact

1NO+1NC Slow action

Thermal current I_{th}

A 10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U_i

V 440

Rated impulse withstand voltage U_{imp}

kV 4

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_{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

| | |
|------|------|
| Ncm | 15 |
| ozin | 21.2 |

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 ² | 1 or 2 |
| max | mm ² | 2.5 |

Cable connection

Self-releasing
 screw terminal

Cable entry

M20 on the sides

Ambient conditions

Pollution degree

3

Temperature

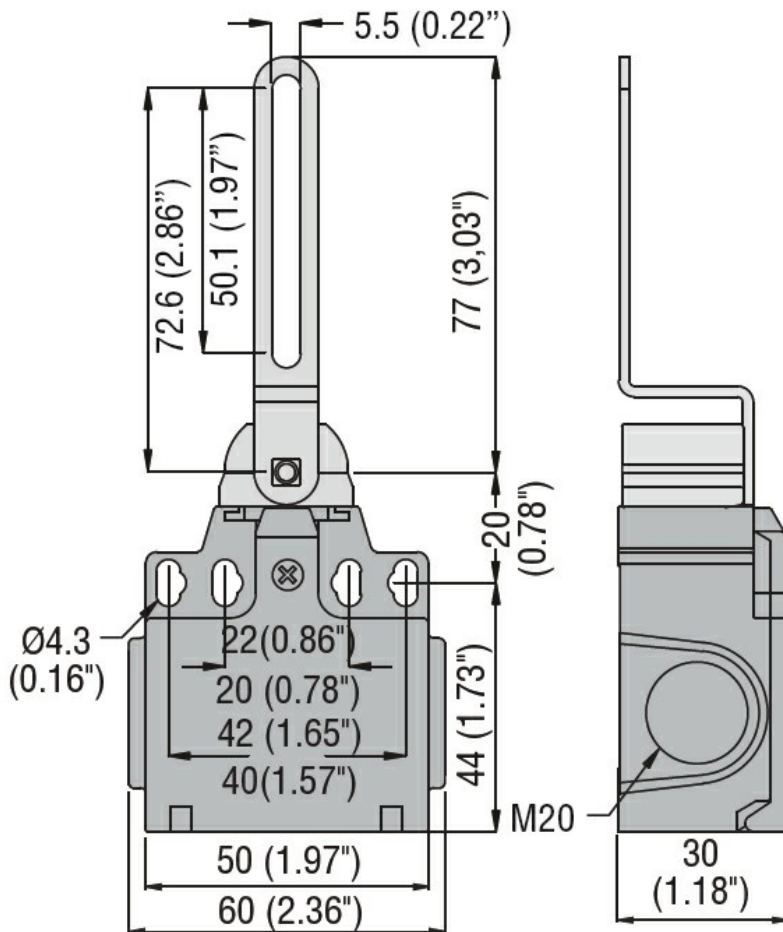
Operating temperature

| | | |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +70 |

Storage temperature

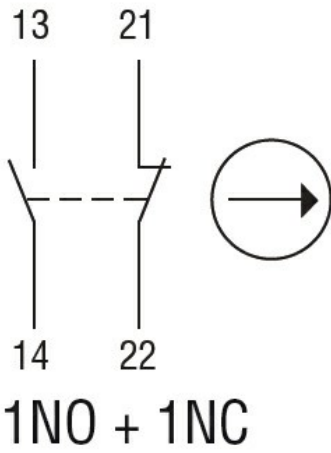
| | | |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

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