



General characteristics

General characteristics

| | |
|------------------|-----------------------|
| Housing Material | Polymer thermoplastic |
| Key shape | Angled |

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 | m/s | 0.5 |
| | max | m/s | 1.5 |
| IEC Conventional free air thermal current I _{th} ≤ 40°C | 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 | 8 |
| | lb | 1.8 |

Tightening torque (Max)

| | | |
|---------------|------|------|
| Switch fixing | Nm | 2.5 |
| | lbin | 22.1 |

| | | |
|-------------------|------|-----|
| Contact terminals | Nm | 0.8 |
| | lbin | 7 |

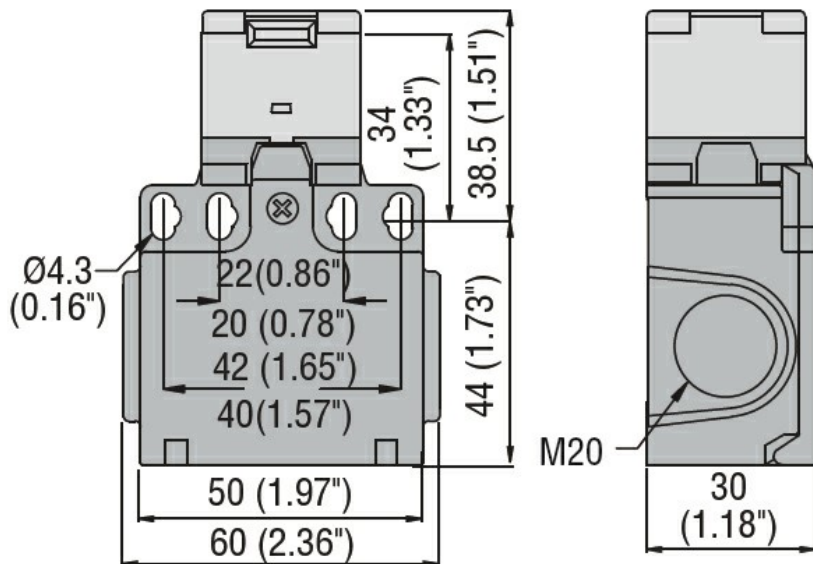
| | | |
|-----------------------|------|-----|
| Body lid screw fixing | Nm | 0.8 |
| | lbin | 7 |

Conductor section

| | | |
|-----------|-----|----|
| AWG/Kcmil | min | 16 |
|-----------|-----|----|

| | | | |
|---------------------------|-----------------------|-----|-------------------------------|
| | | max | 14 |
| IEC | | min | mm ² 1.5 |
| | | max | mm ² 2.5 |
| Cable connection | | | Self-releasing screw terminal |
| Cable entry | | | M20 on the sides |
| Weight | | g | 107 |
| 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