



### General characteristics

#### Material

Housing

Aluminium-zinc  
alloy

Rod

Aluminium-zinc  
alloy

### Contact characteristics

#### Type of contact

1NO+1NC Slow  
action

#### Thermal current Ith

A

10

#### IEC/EN 60947-5-1 designation

A300 Q300

#### Rated insulation voltage Ui

V

440

#### Rated impulse withstand voltage Uimp

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 Ith ≤ 40°C

A

10

#### Resistance per pole (average value)

mΩ

<10

### Mechanical features

#### Operating head fixing

Locking bayonet  
insert

#### Operating torque

Ncm

3

ozin

4.25

#### 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>

1.5

max

mm<sup>2</sup>

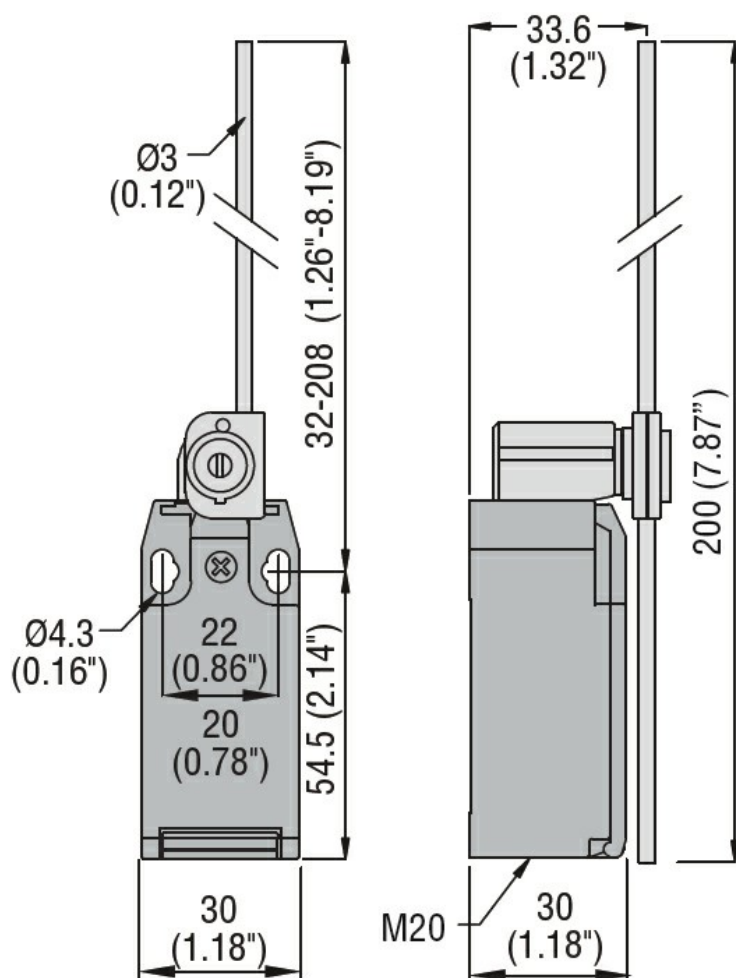
2.5

#### Cable connection

Self-releasing  
screw terminal

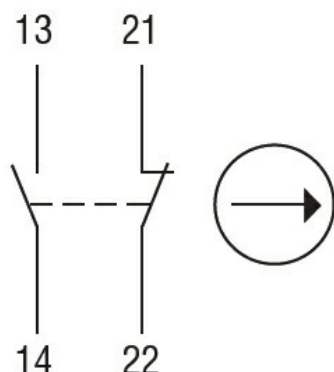
|                         |  |     |                   |           |
|-------------------------|--|-----|-------------------|-----------|
| Cable entry             |  |     | M20 on the bottom |           |
| Operations              |  |     |                   |           |
| Mechanical life         |  |     | cycles            | <10000000 |
| 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              |  |     |                   |           |

**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