



## General characteristics

### Material

Housing

Aluminium-zinc  
alloy

Roller

Metal

## 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  
max

m/s  
m/s

0.5  
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

N  
lb

5  
1.1

### Tightening torque (Max)

#### Switch fixing

Nm  
lbin

2.5  
22.1

#### Contact terminals

Nm  
lbin

0.8  
7

#### Body lid screw fixing

Nm  
lbin

0.8  
7

### Conductor section

#### AWG/Kcmil

min  
max

16  
14

#### IEC

min  
max

mm<sup>2</sup>  
mm<sup>2</sup>

1.5  
2.5

### Cable connection

Self-releasing  
screw terminal

### Cable entry

M20 on the sides

## Operations

|                      |          |           |
|----------------------|----------|-----------|
| Mechanical life      | cycles   | <10000000 |
| Mechanical operation | cycles/h | 3600      |

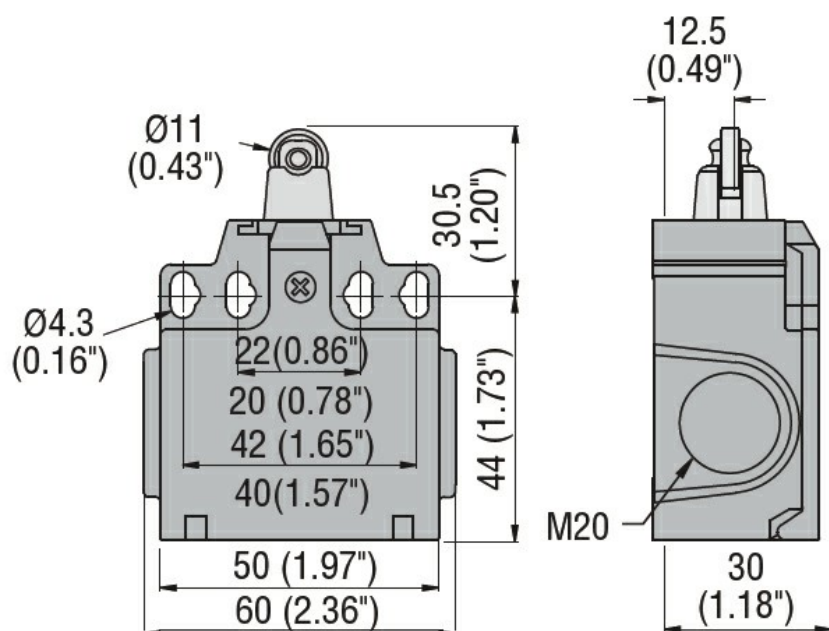
#### Ambient conditions

|             |                       |     |    |     |
|-------------|-----------------------|-----|----|-----|
| Temperature | Operating temperature | min | °C | -25 |
|             |                       | max | °C | +70 |
|             | Storage temperature   | min | °C | -40 |
|             |                       | max | °C | +70 |

#### Resistance & Protection

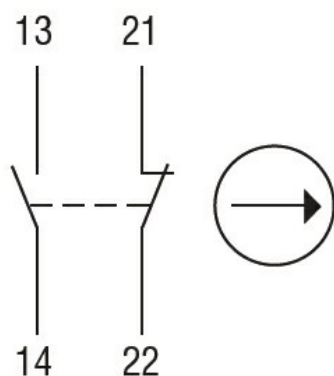
|                  |              |      |
|------------------|--------------|------|
| IP degree        | Terminals    | IP20 |
|                  | Body housing | IP65 |
| Pollution degree |              | 3    |

#### Dimensions



#### 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