



### General characteristics

#### Material

Housing

Roller

Aluminium-zinc  
alloy

Plastic

### Contact characteristics

#### Type of contact

2NC Slow action

#### Thermal current I<sub>th</sub>

A

10

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

A300 Q300

#### Rated insulation voltage U<sub>i</sub>

V

440

#### Rated impulse withstand voltage U<sub>imp</sub>

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 I<sub>th</sub> ≤ 40°C

A

10

#### Resistance per pole (average value)

mΩ

<10

### Mechanical features

#### Operating head fixing

Locking bayonet  
insert

#### Operating torque

N  
lb

6  
1.34

#### 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  
bottom

### Operations

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

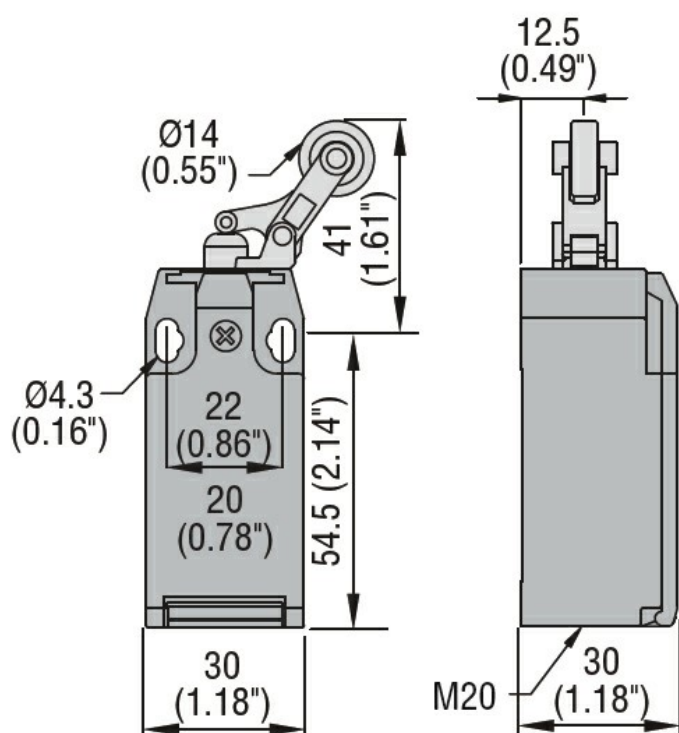
#### Ambient conditions

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

#### Resistance & Protection

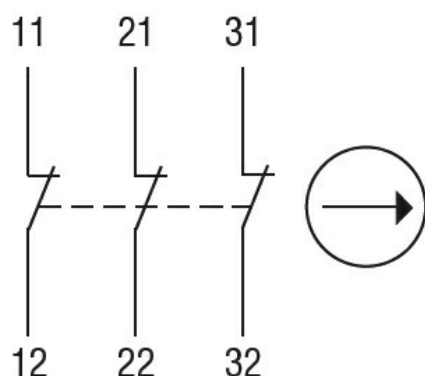
|                  |              |      |
|------------------|--------------|------|
| IP degree        | Terminals    | IP20 |
|                  | Body housing | IP65 |
| Pollution degree |              | 3    |

#### Dimensions



#### Wiring diagrams

## Slow action



**3NC**

### 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