



Hinge operating  
KNP

Product designation

Product type designation

### General characteristics

Material

Housing

Aluminium-zinc  
alloy  
Long solid

Rod

### 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

A

10

Resistance per pole (average value)

m?

<10

### 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<sup>2</sup>

1 or 2

max

mm<sup>2</sup>

2.5

Cable connection

Self-releasing  
screw terminal

Cable entry M20 on the sides

### Operations

Mechanical life	cycles	100000
B10d	cycles	100000
Mechanical operation	cycles/h	3600

### Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+70

Storage temperature

min	°C	-40
max	°C	+70

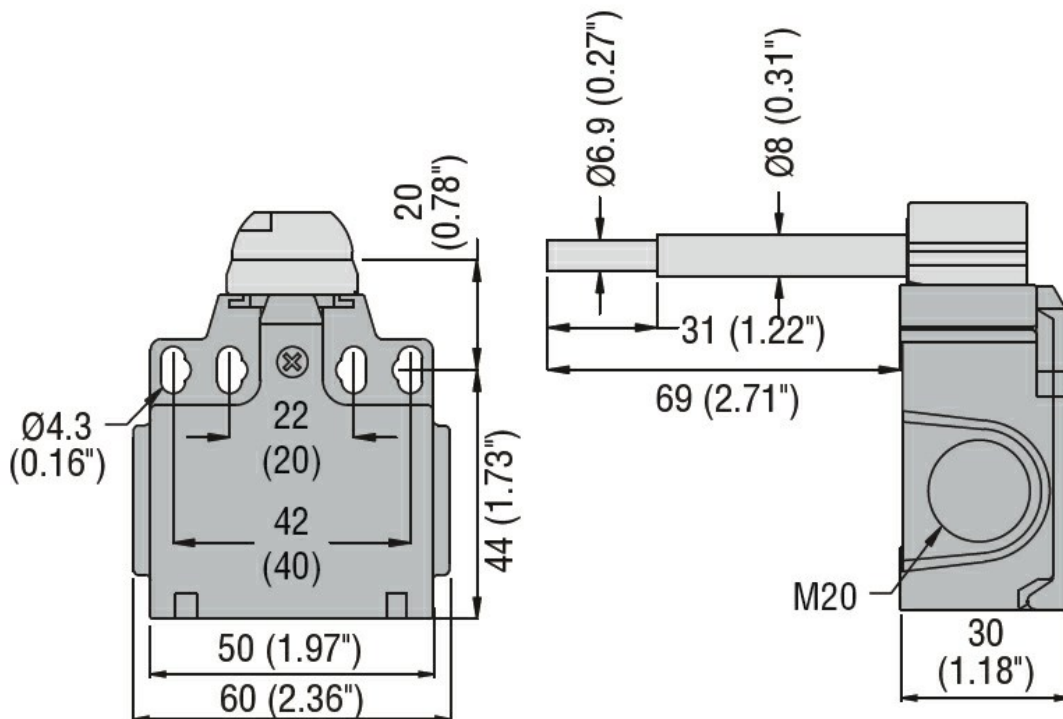
### Resistance & Protection

IP degree

Terminals	IP20
Body housing	IP65

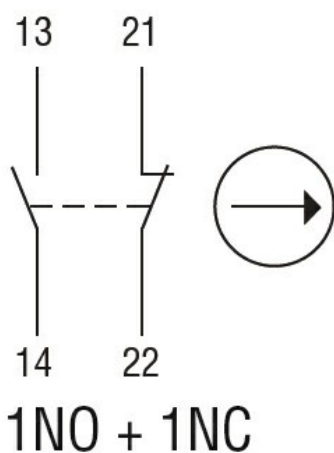
Pollution degree 3

### Dimensions



### Wiring diagrams

## Slow action



### 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