



Product designation

Top roller push  
plunger  
KMB

Product type designation

### General characteristics

Material

Housing

Aluminium-zinc  
alloy  
Plastic

Roller

### Contact characteristics

Type of contact

1NO+2NC 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

A

10

Resistance per pole (average value)

m?

<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 or 2  
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

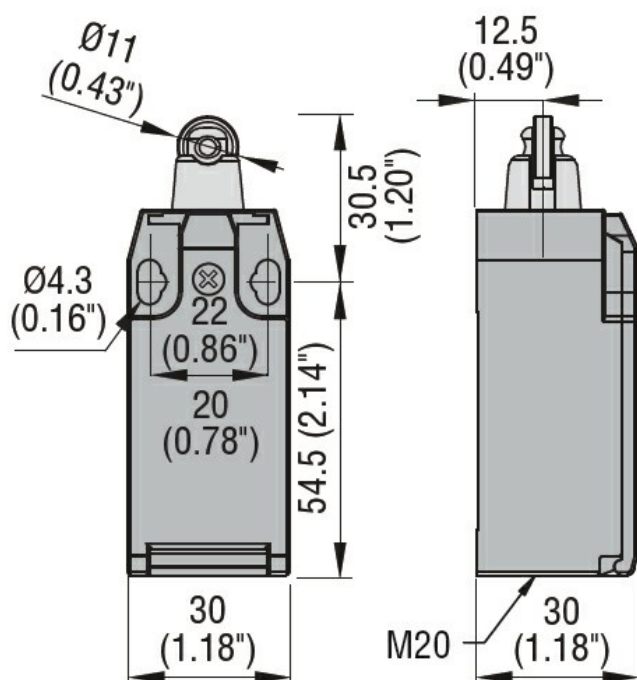
### Resistance & Protection

#### IP degree

Terminals	IP20
Body housing	IP65

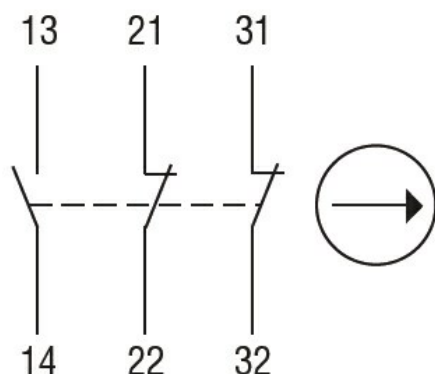
Pollution degree	3
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### Dimensions



### Wiring diagrams

## Slow action



**1NO + 2NC**

### 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