



Product designation

Top roller push
plunger

Product type designation

KBB

General characteristics

Material

Housing
Roller

Polymer
thermoplastic
Plastic

Contact characteristics

Type of contact

1NO+1NC Slow
action make
before break

Thermal current Ith

A

10

IEC/EN 60947-5-1 designation

A600 Q300

Rated insulation voltage Ui

V

690

Rated impulse withstand voltage Uimp

kV

6

Insulation class

II

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 mm²

1or 2

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE
BEFORE BREAK. PLASTIC ROLLER

	max	mm ²	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

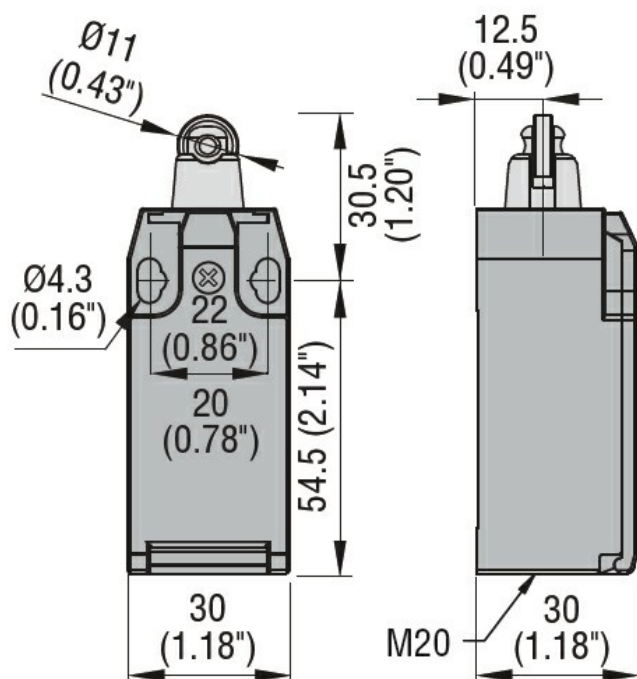
IP degree

Terminals	IP20
Body housing	IP65

Pollution degree

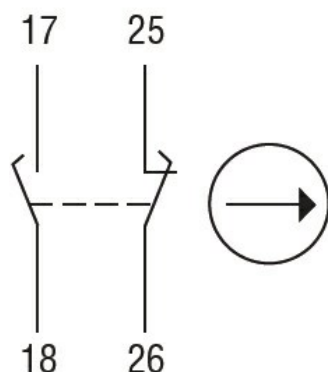
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Dimensions



Wiring diagrams

Slow action



1NO + 1NC
make before break

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