



Product designation

Top roller push
plunger

Product type designation

KMB

General characteristics

Material

Housing

Aluminium-zinc
alloy
Plastic

Roller

Contact characteristics

Type of contact		2NC Snap 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

N 5
lb 1.1

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 mm² 1 or 2
max mm² 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

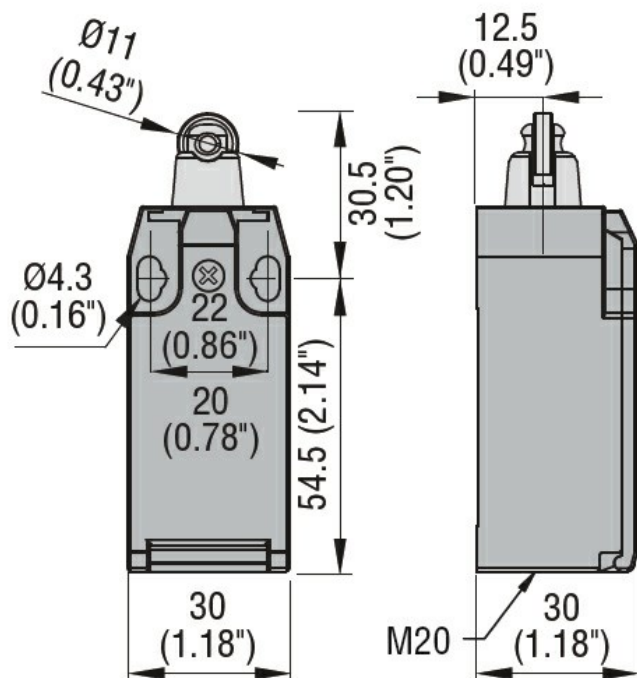
IP degree

Terminals IP20
Body housing IP65

Pollution degree

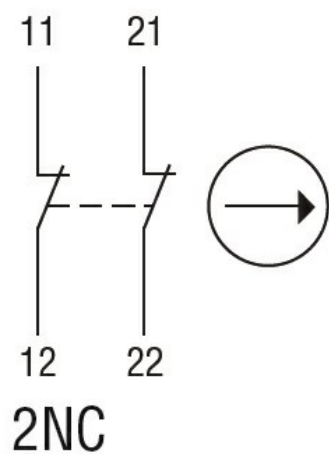
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Dimensions



Wiring diagrams

Snap 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