



Product designation

Top roller push
plunger

Product type designation

KMB

General characteristics

Material

Housing

Aluminium-zinc
alloy
Metal

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
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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	mm ²	1or 2
max	mm ²	2.5

Cable connection

Self-releasing
screw terminal

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. METAL ROLLER

Cable entry	M20 on the sides
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Operations

Mechanical life	cycles	<10000000
Mechanical operation	cycles/h	3600

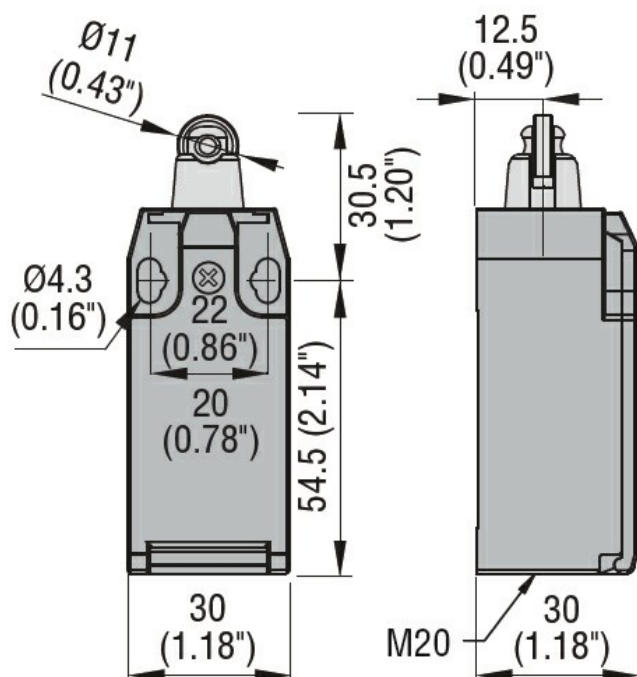
Ambient conditions

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

Resistance & Protection

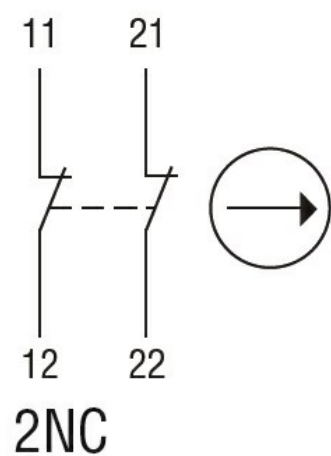
IP degree	Terminals	IP20
	Body housing	IP65
Pollution degree		3

Dimensions



Wiring diagrams

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