



Product designation

Adjustable roller
lever

Product type designation

KMF

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)

mΩ <10

Mechanical features

Operating head fixing

Locking bayonet
insert

Operating torque

Ncm 3
ozin 4.25

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

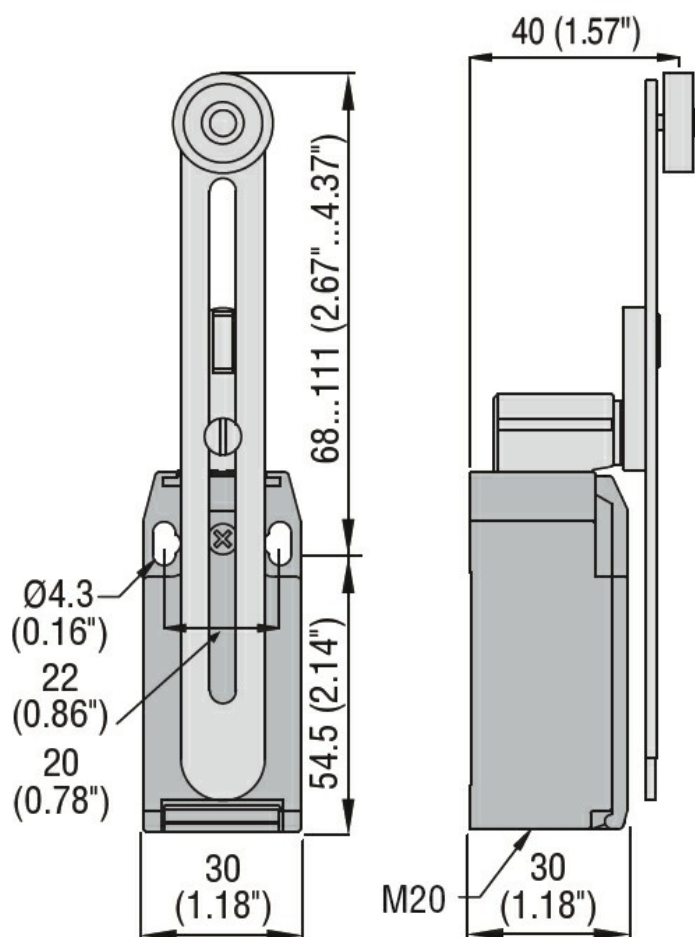
IEC

min mm² 1or 2
max mm² 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			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