

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE
BEFORE BREAK. RUBBER ROLLER WITH OFFSET ALIGNMENT



Product designation

Adjustable roller
lever

Product type designation

KBF

General characteristics

Material

Housing
Roller

Polymer
thermoplastic
Rubber

Contact characteristics

Type of contact

1NO+1NC Slow
action make
before break

Thermal current I_{th}

A

10

IEC/EN 60947-5-1 designation

A600 Q300

Rated insulation voltage U_i

V

690

Rated impulse withstand voltage U_{imp}

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 I_{th}

A

10

Resistance per pole (average value)

m?

<10

Mechanical features

Operating head fixing

Locking bayonet
insert

Operating torque

Ncm
ozin

3
4.25

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

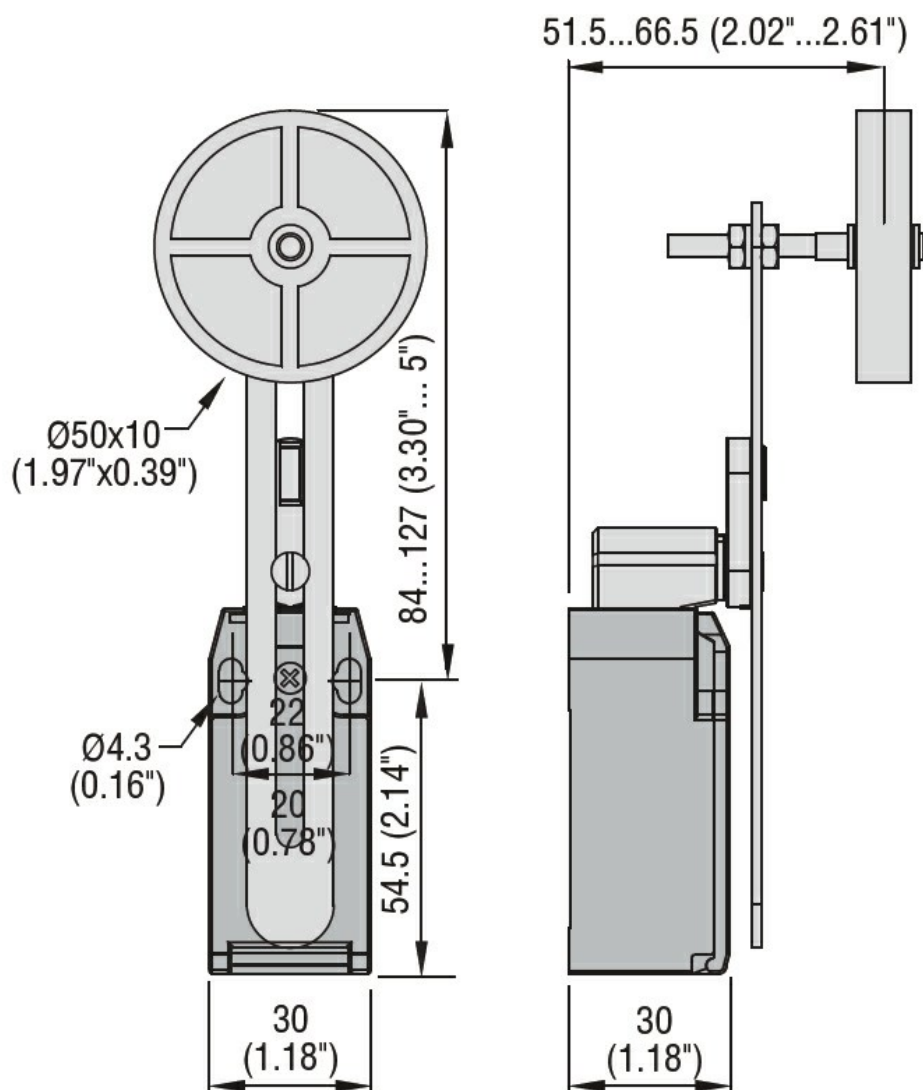
min mm²

1or 2

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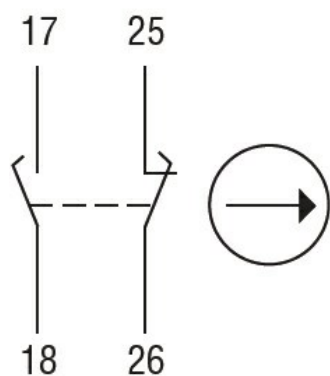
		max	mm ²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<10000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				

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Wiring diagrams

Slow action



1NO + 1NC
make before break

Certifications and compliance

Compliance

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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