



Product designation

Top push rod  
plunger  
KNA

Product type designation

**General characteristics**

Material

Housing

Aluminium-zinc  
alloy

Rod

Aluminium-zinc  
alloy

**Contact characteristics**

Type of contact

1NO+1NC Slow  
action make  
before break

Thermal current I<sub>th</sub>

A

10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U<sub>i</sub>

V

440

Rated impulse withstand voltage U<sub>imp</sub>

kV

4

Insulation class

II

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 I<sub>th</sub>

A

10

Resistance per pole (average value)

mΩ

<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

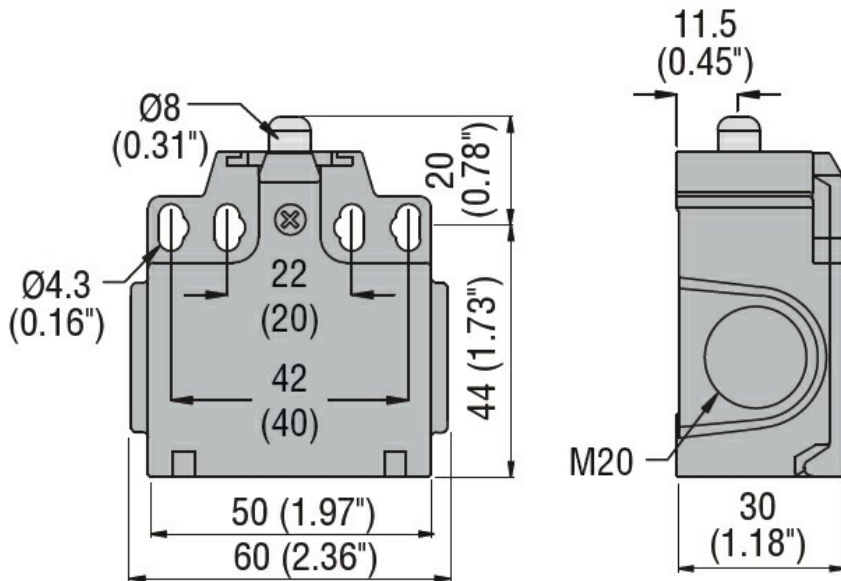
max

14

IEC

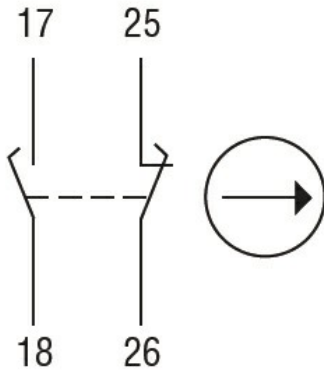
LIMIT SWITCH, K SERIES, TOP PUSH ROD PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE BEFORE BREAK. METAL PLUNGER

	min	mm <sup>2</sup>	1 or 2
	max	mm <sup>2</sup>	2.5
Cable connection	Self-releasing screw terminal		
Cable entry	M20 on the sides		
<b>Operations</b>			
Mechanical life	cycles	<10000000	
Mechanical operation	cycles/h	3600	
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70
<b>Resistance &amp; Protection</b>			
IP degree			
	Terminals	IP20	
	Body housing	IP65	
Pollution degree	3		
<b>Dimensions</b>			



**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