



Product designation

Roller centre  
push lever

Product type designation

KNC

**General characteristics**

Material

Housing	Aluminium-zinc alloy
Roller	Metal

**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
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	6
	lb	1.34
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 <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

**Operations**

Mechanical life	cycles	<10000000
Mechanical operation	cycles/h	3600

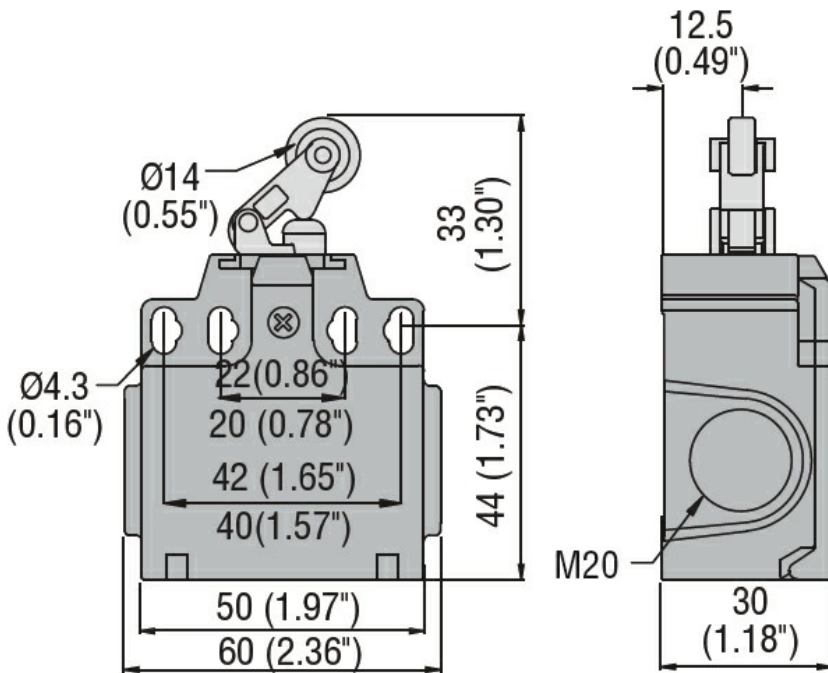
**Ambient conditions**

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

**Resistance & Protection**

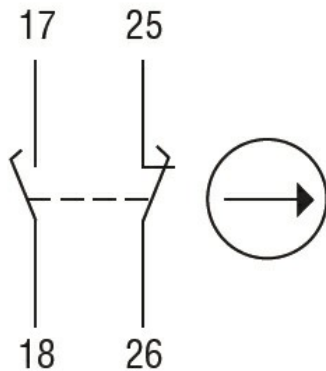
IP degree	Terminals	IP20
	Body housing	IP65
Pollution degree		3

**Dimensions**



**Wiring diagrams**

## 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