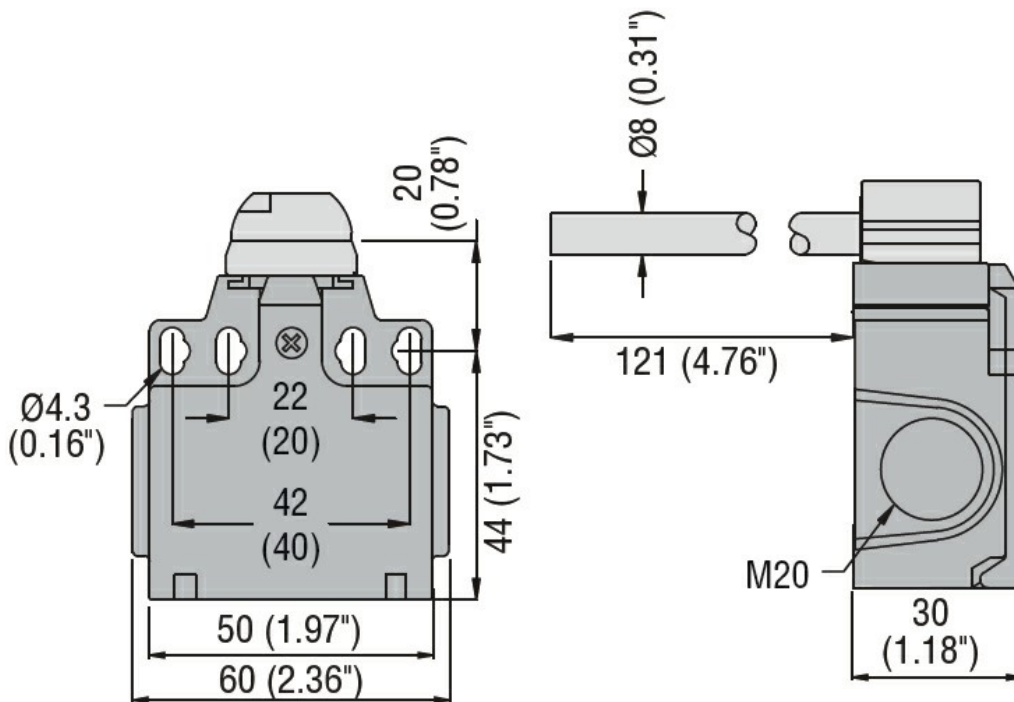




Product designation	Hinge operating		
Product type designation	KNP		
<b>General characteristics</b>			
<b>General characteristics</b>			
Housing Material	Aluminium-zinc alloy		
Rod material	Long solid		
<b>Contact characteristics</b>			
Type of contact	1NO+1NC Slow action		
Thermal current I <sub>th</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	
<b>Operations</b>			
Mechanical life	cycles	100000	
B10d	cycles	100000	
Mechanical operation	cycles/h	3600	
<b>Output characteristics</b>			
Mechanical life	cycles	100000	
<b>Mechanical features</b>			
Operating head fixing	Locking bayonet insert		
Operating torque	Ncm	15	
	ozin	21.2	
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		

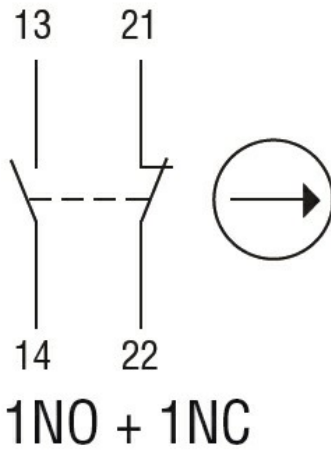
		min		16
		max		14
IEC				
		min	mm <sup>2</sup>	1 or 2
		max	mm <sup>2</sup>	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides
<b>Ambient conditions</b>				
Pollution degree				3
Temperature				
Operating temperature				
		min	°C	-25
		max	°C	+70
Storage temperature				
		min	°C	-40
		max	°C	+70

**Dimensions**



**Wiring diagrams**

## Slow 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