



Product designation

Hinge operating

Product type designation

KMP

### General characteristics

Material

Housing

Aluminium-zinc alloy

Rod

Short cylinder hinge

### Contact characteristics

Type of contact		2NC 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

### Mechanical features

Operating head fixing		Locking bayonet insert
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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

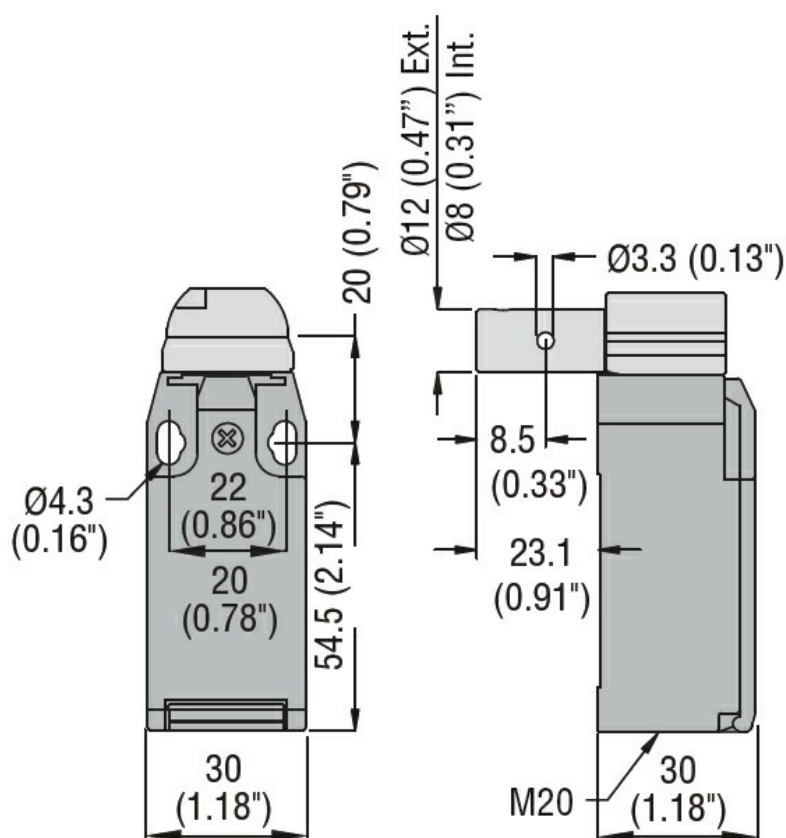
min	mm <sup>2</sup>	1 or 2
max	mm <sup>2</sup>	2.5

Cable connection

Self-releasing screw terminal

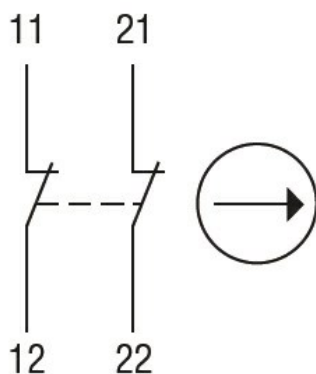
Cable entry			M20 on the bottom	
Operations				
Mechanical life			cycles	100000
B10d			cycles	100000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
Operating temperature		min	°C	-25
		max	°C	+70
Storage temperature		min	°C	-40
		max	°C	+70
Resistance & Protection				
IP degree			Terminals	IP20
			Body housing	IP65
Pollution degree				3

**Dimensions**



**Wiring diagrams**

## Slow action



**2NC**

### 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