



Hinge operating
KNP

Product designation

Product type designation

General characteristics

General characteristics

Housing Material

Aluminium-zinc
alloy

Rod material

Short cylinder
hinge

Contact characteristics

Type of contact

1NO+1NC Slow
action

Thermal current I_{th}

A

10

IEC/EN 60947-5-1 designation

A300 Q300

Rated insulation voltage U_i

V

440

Rated impulse withstand voltage U_{imp}

kV

4

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)

mΩ

<10

Operations

Mechanical life

cycles

100000

B10d

cycles

100000

Mechanical operation

cycles/h

3600

Output characteristics

Mechanical life

cycles

100000

Mechanical features

Operating head fixing

Locking bayonet
insert

Operating torque

Ncm
ozin

15
21.2

Tightening torque (Max)

Switch fixing

Nm
lbin

2.5
22.1

Contact terminals

Nm
lbin

0.8
7

Body lid screw fixing

Nm
lbin

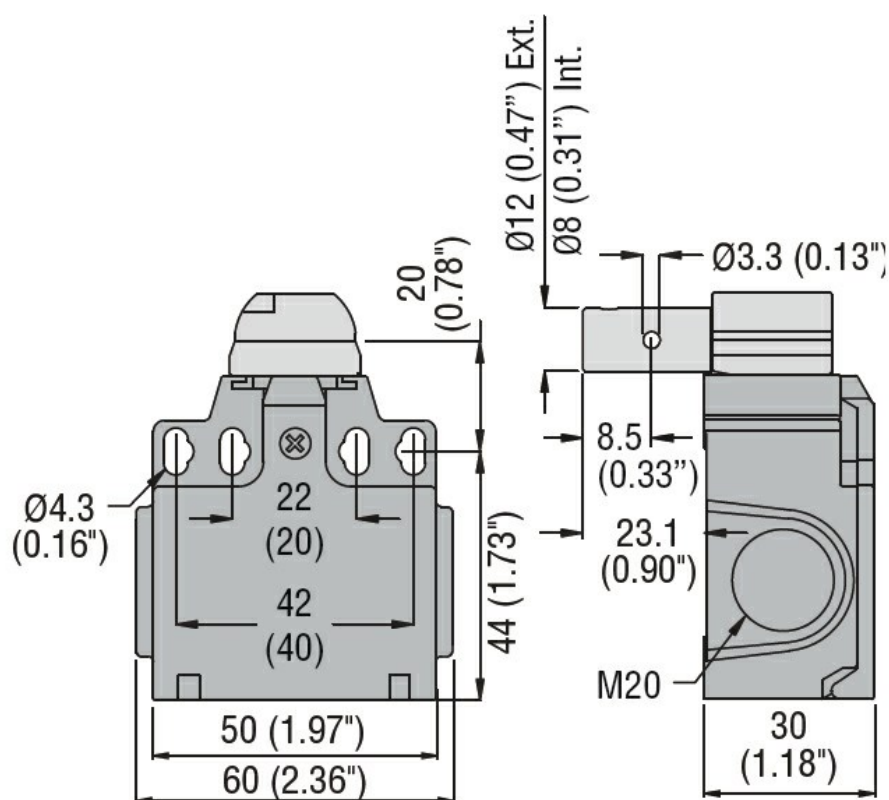
0.8
7

Conductor section

AWG/Kcmil

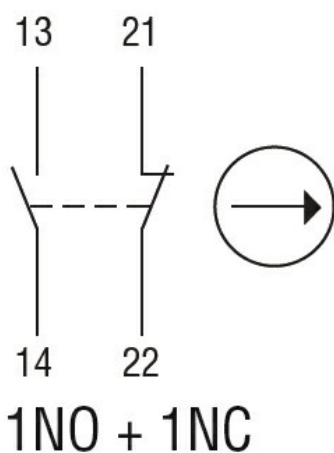
		min	16
		max	14
IEC			
	min	mm ²	1or 2
	max	mm ²	2.5
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the sides
Ambient conditions			
Pollution degree			3
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70

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