



Slotted lever
KNQ

Product designation

Product type designation

General characteristics

General characteristics

Housing Material

Aluminium-zinc
alloy

Contact characteristics

Type of contact

2NC 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	m/s	0.5
max	m/s	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	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

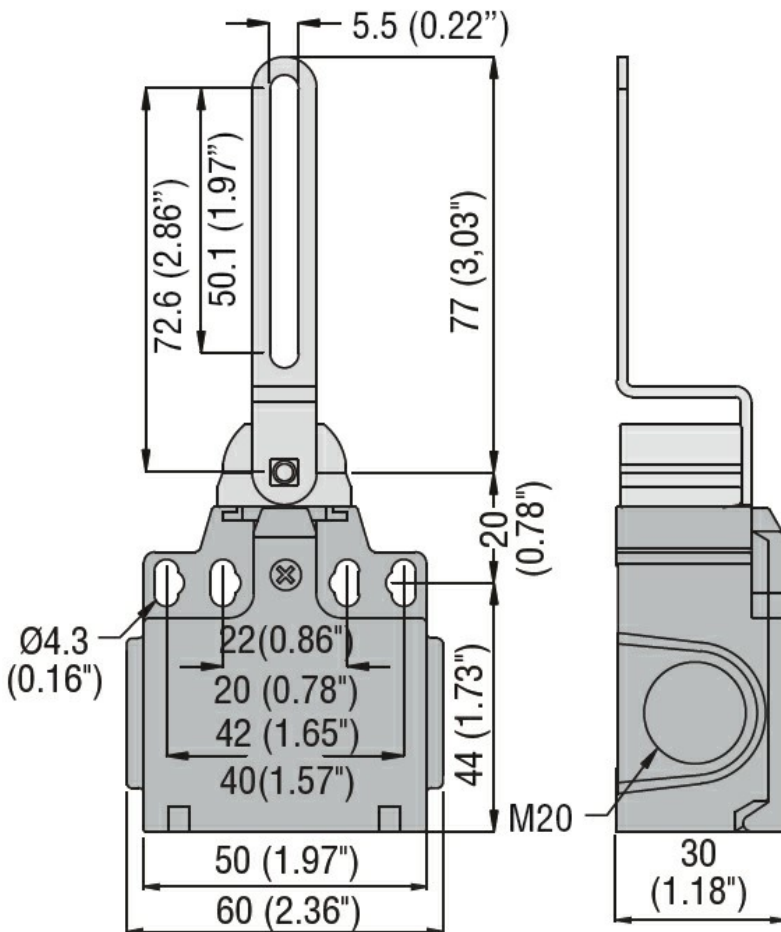
Conductor section

AWG/Kcmil

min	16
max	14

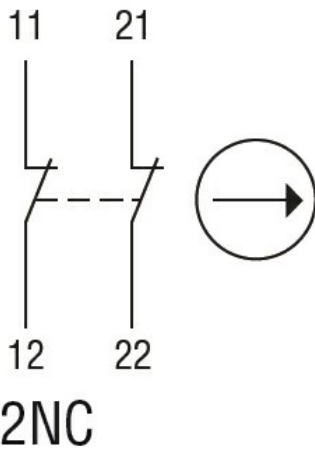
IEC	min max	mm ² mm ²	1 or 2 2.5
Cable connection	Self-releasing screw terminal		
Cable entry	M20 on the sides		
Ambient conditions			
Pollution degree	3		
Temperature	Operating temperature		
	min max	°C °C	-25 +70
	Storage temperature		
	min max	°C °C	-40 +70

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