



General characteristics

Material

Housing

Aluminium-zinc alloy

Rod

Aluminium-zinc alloy

Contact characteristics

Type of contact 3NC Slow action

Thermal current Ith A 10

IEC/EN 60947-5-1 designation A300 Q300

Rated insulation voltage Ui V 440

Rated impulse withstand voltage Uimp kV 4

Insulation class II

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 Ith ≤ 40°C A 10

Resistance per pole (average value) mΩ <10

Mechanical features

Operating head fixing Locking bayonet insert

Operating torque

N	5
lb	1.1

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

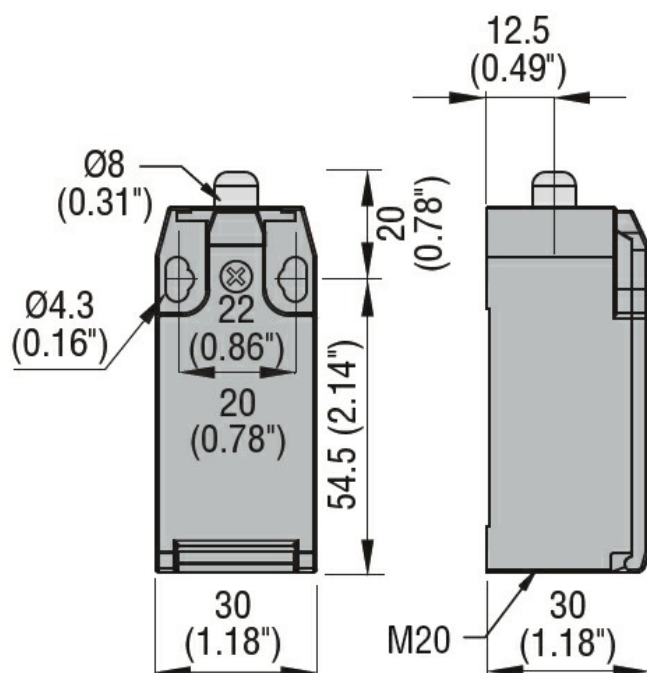
min	mm ²	1.5
max	mm ²	2.5

Cable connection

Self-releasing screw terminal

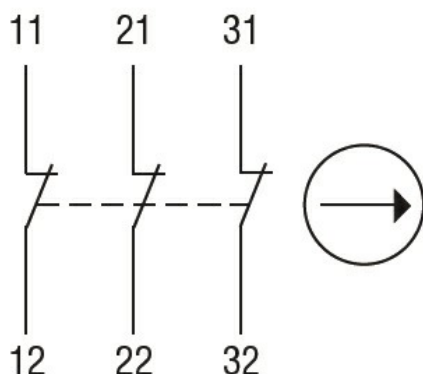
Cable entry			M20 on the bottom	
Operations				
Mechanical life			cycles	<10000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
Operating temperature		min	°C	-25
		max	°C	+70
Storage temperature		min	°C	-40
		max	°C	+70
Resistance & Protection				
IP degree			Terminals	IP20
			Body housing	IP65
Pollution degree			3	

Dimensions



Wiring diagrams

Slow action



3NC

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