



General characteristics

General characteristics

Housing Material	Aluminium-zinc alloy
------------------	----------------------

Contact characteristics

Type of contact	1NO+2NC 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
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

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

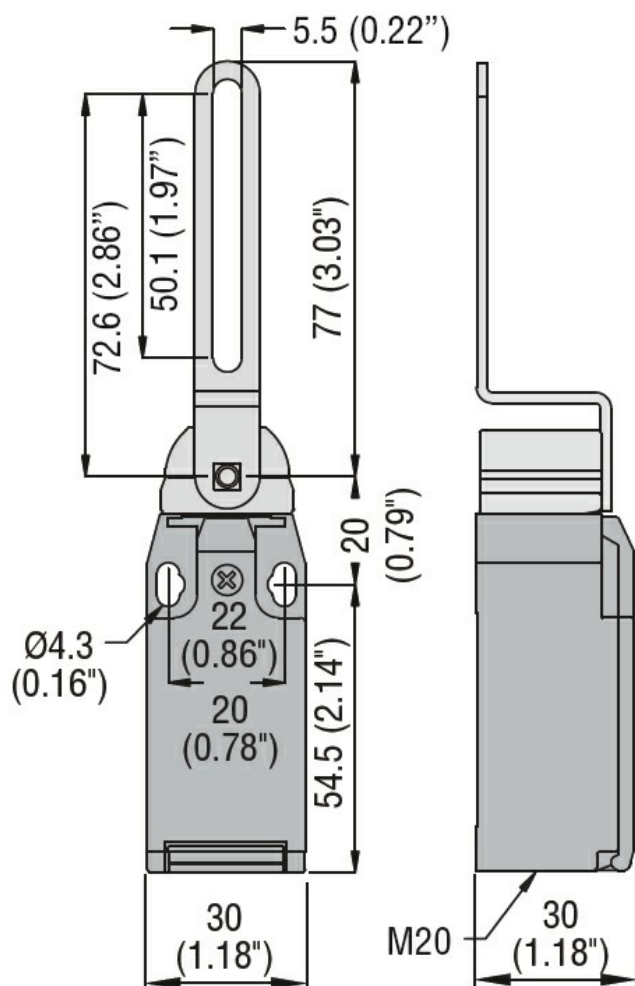
Body lid screw fixing	Nm 0.8
	lbin 7

Conductor section	
AWG/Kcmil	
min	16
max	14

IEC	
-----	--

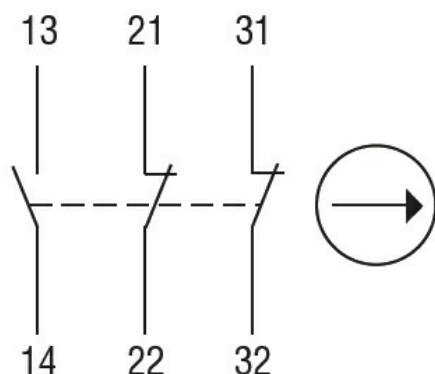
	min	mm²	1.5
	max	mm²	2.5
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the bottom
Ambient conditions			
Pollution degree			3
Temperature			
Operating temperature		min	°C
		max	°C
			-25
			+70
Storage temperature		min	°C
		max	°C
			-40
			+70

Dimensions



Wiring diagrams

Slow action



1NO + 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