



General characteristics

General characteristics

Housing Material	Aluminium-zinc alloy
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Rod material	Long solid
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Contact characteristics

Type of contact	1NO+2NC Slow action
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Thermal current I _{th}	A	10
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IEC/EN 60947-5-1 designation	A300 Q300
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Rated insulation voltage U _i	V	440
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Rated impulse withstand voltage U _{imp}	kV	4
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Short-circuit protection with fuse	Class/A	10 gG/SC QUICK FUSE
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Switching speed	min	m/s	0.5
	max	m/s	1.5

IEC Conventional free air thermal current I _{th} ≤ 40°C	A	10
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Resistance per pole (average value)	mΩ	<10
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Operations

Mechanical life	cycles	100000
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B10d	cycles	100000
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Mechanical operation	cycles/h	3600
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Output characteristics

Mechanical life	cycles	100000
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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

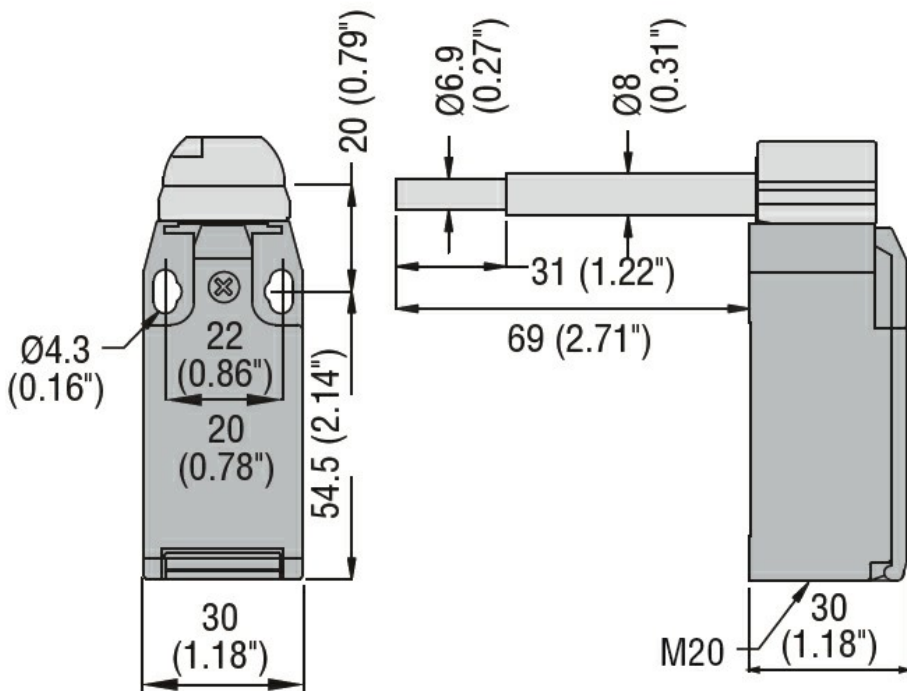
Contact terminals	Nm	0.8
	lbin	7

Body lid screw fixing	Nm	0.8
	lbin	7

Conductor section	AWG/Kcmil	min	16
		max	14

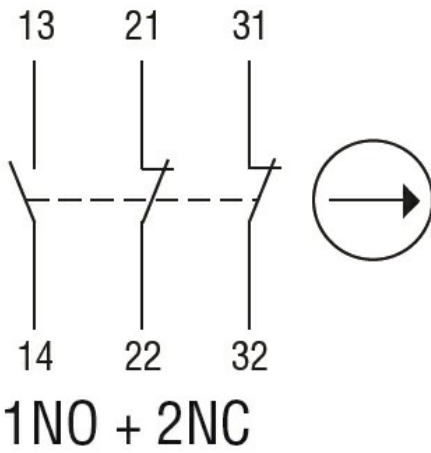
IEC		min	mm ²	1.5
		max	mm ²	2.5
Cable connection		Self-releasing screw terminal		
Cable entry		M20 on the bottom		
Ambient conditions				
Pollution degree		3		
Temperature				
Operating temperature		min	°C	-25
		max	°C	+70
Storage temperature				
		min	°C	-40
		max	°C	+70

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