



General characteristics

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Housing Material	Aluminium-zinc alloy	
Rod material	Long solid	
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
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	
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Mechanical features

Operating head fixing	Locking bayonet insert		
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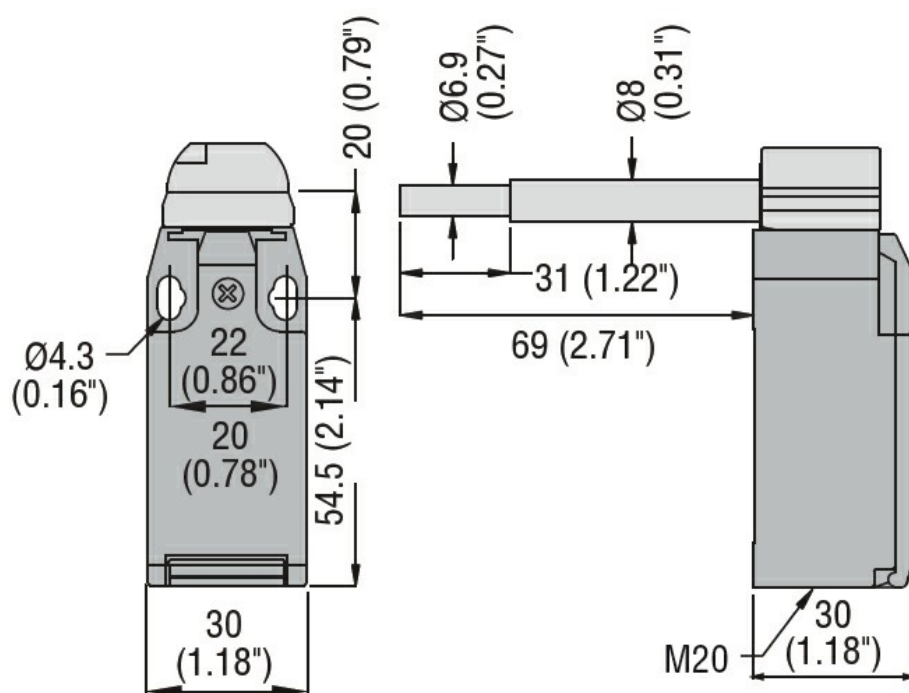
Operating torque			
	Ncm	15	
	ozin	21.2	

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			

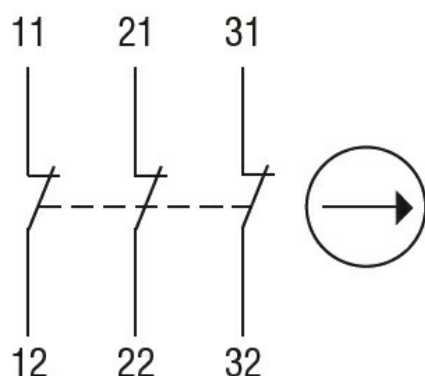
		min	mm ²	1.5
		max	mm ²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Ambient conditions				
Pollution degree				3
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70

Dimensions



Wiring diagrams

Slow action



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