



General characteristics

Material

Housing	Aluminium-zinc alloy
Rod	Steel

Contact characteristics

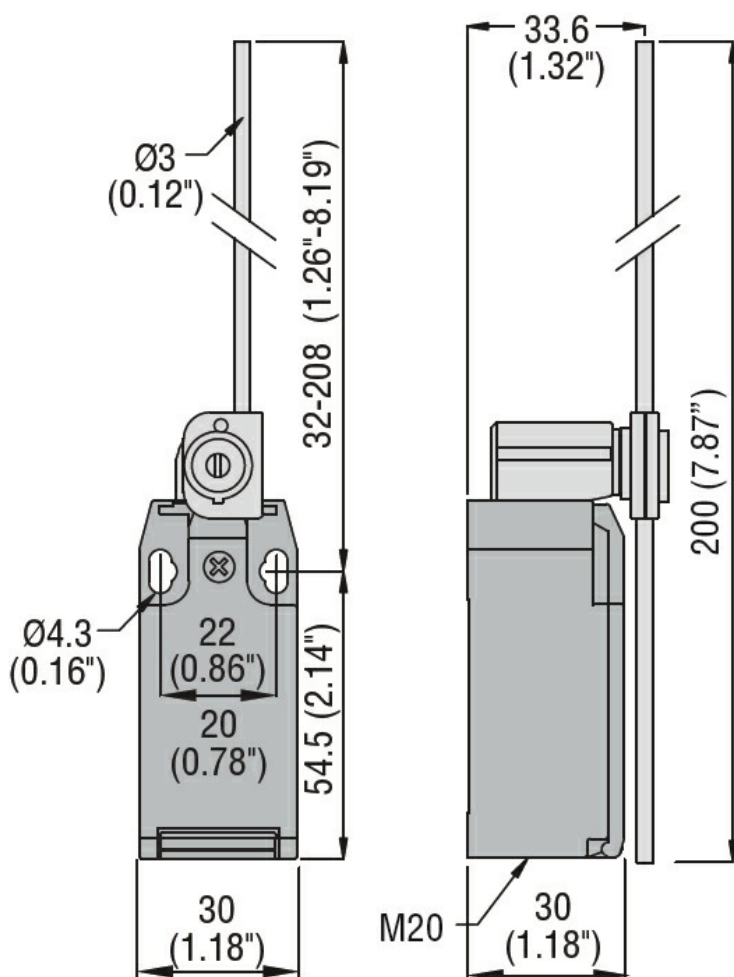
Type of contact			2NC Snap action
Thermal current Ith	A	10	
IEC/EN 60947-5-1 designation			A300 Q300
Rated insulation voltage Ui	V	440	
Rated impulse withstand voltage Uimp	kV	4	
Short-circuit protection with fuse	Class/A	10 gG/SC QUICK FUSE	
Switching speed	min	m/s	0.5
	max	m/s	1.5
IEC Conventional free air thermal current Ith ≤ 40°C	A	10	
Resistance per pole (average value)	mΩ	<10	

Mechanical features

Operating head fixing				Locking bayonet insert
Operating torque				Ncm ozin3 4.25
Tightening torque (Max)				
Switch fixing				Nm lbin2.5 22.1
Contact terminals				Nm lbin0.8 7
Body lid screw fixing				Nm lbin0.8 7
Conductor section				
AWG/Kcmil				min max16 14
IEC				min maxmm ² mm ² 1.5 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

Snap 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