



General characteristics

Material

Housing

Aluminium-zinc alloy

Rod

Aluminium-zinc alloy

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		3
	ozin		4.25
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

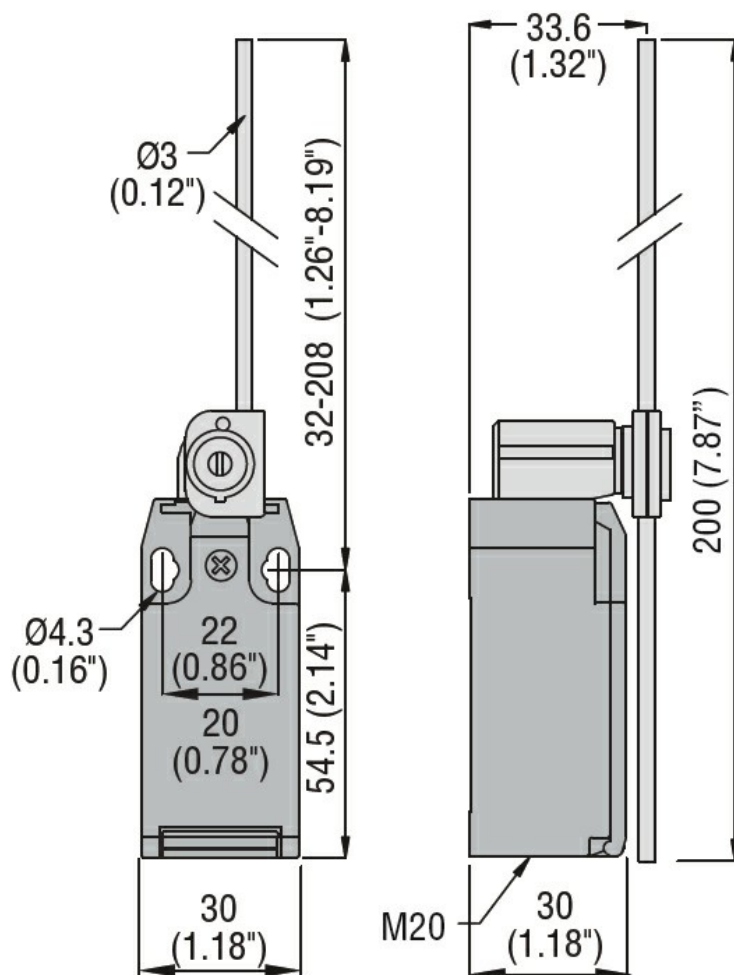
Ambient conditions

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

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