



General characteristics

Material

Housing

Aluminium-zinc alloy

Rod

Aluminium-zinc alloy

Contact characteristics

Type of contact			2NC Independent
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 max	m/s m/s	0.5 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 ozin		3 4.25
Tightening torque (Max)				
Switch fixing		Nm lbin		2.5 22.1
Contact terminals		Nm lbin		0.8 7
Body lid screw fixing		Nm lbin		0.8 7
Conductor section				
AWG/Kcmil	min max			16 14
IEC	min max	mm 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

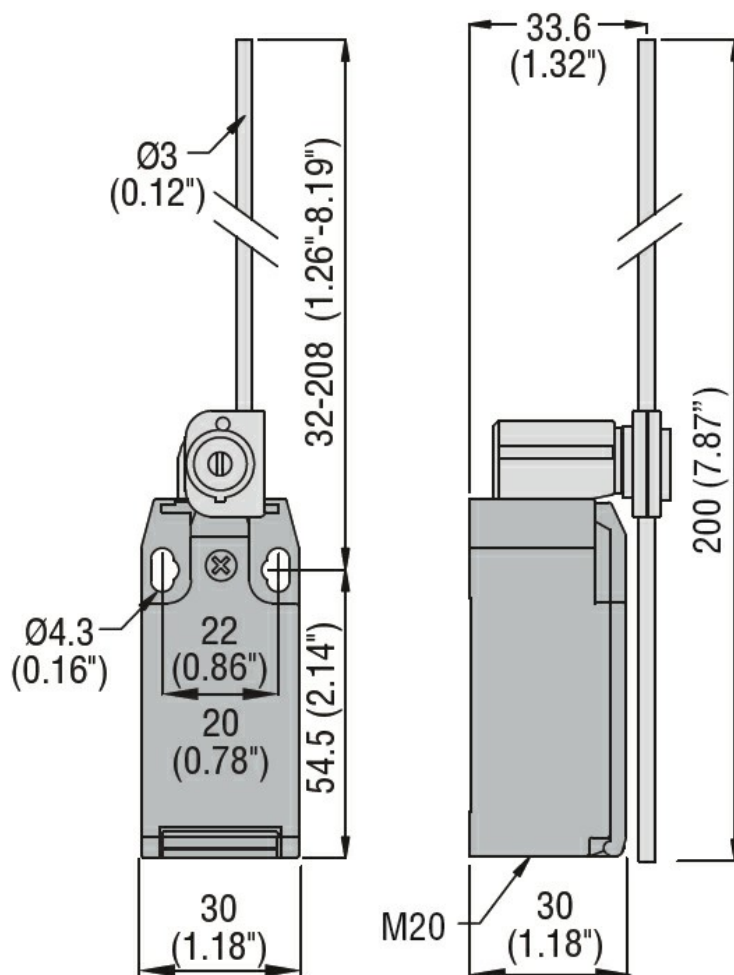
Ambient conditions

Temperature	Operating temperature	min	°C	-25
		max	°C	+70
	Storage temperature	min	°C	-40
		max	°C	+70

Resistance & Protection

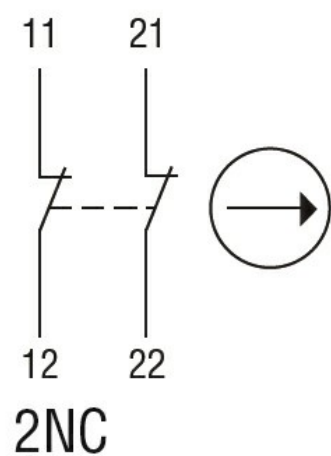
IP degree	Terminals	IP20
	Body housing	IP65
Pollution degree		3

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