



General characteristics

Material

Housing	Aluminium-zinc alloy
Roller	Plastic

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					
				N	6
				lb	1.34
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
				max	mm ²
Cable connection				Self-releasing screw terminal	
Cable entry				M20 on the bottom	

Operations

Mechanical life	cycles	<10000000
Mechanical operation	cycles/h	3600

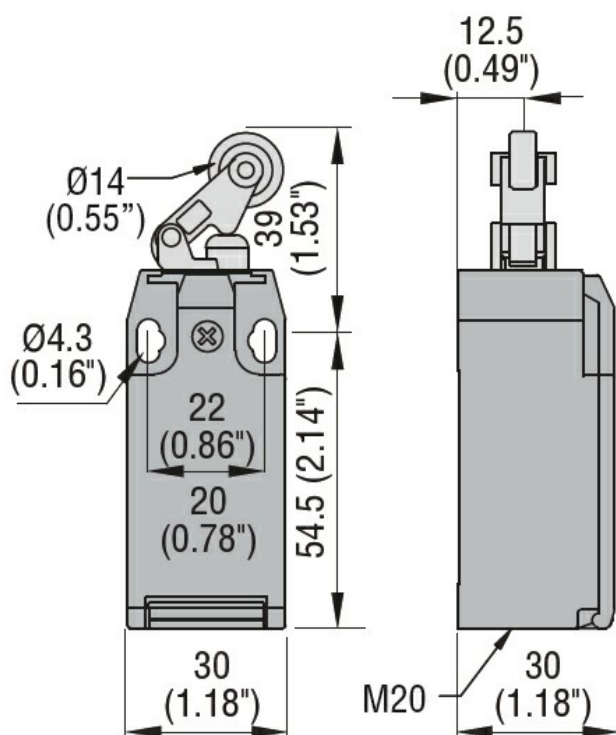
Ambient conditions

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