



General characteristics

Material

Housing

Aluminium-zinc alloy

Roller

Metal

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

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

LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 3NC SLOW ACTION. METAL ROLLER

Mechanical life	cycles	<10000000
Mechanical operation	cycles/h	3600

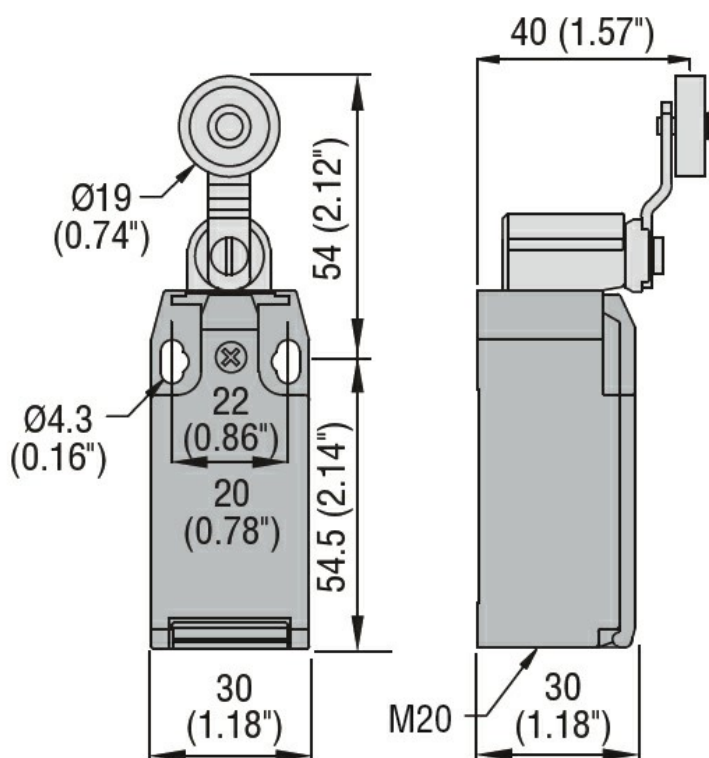
Ambient conditions

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

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