

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. METAL ROLLER



General characteristics

Material

Housing	Aluminium-zinc alloy
Roller	Metal

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

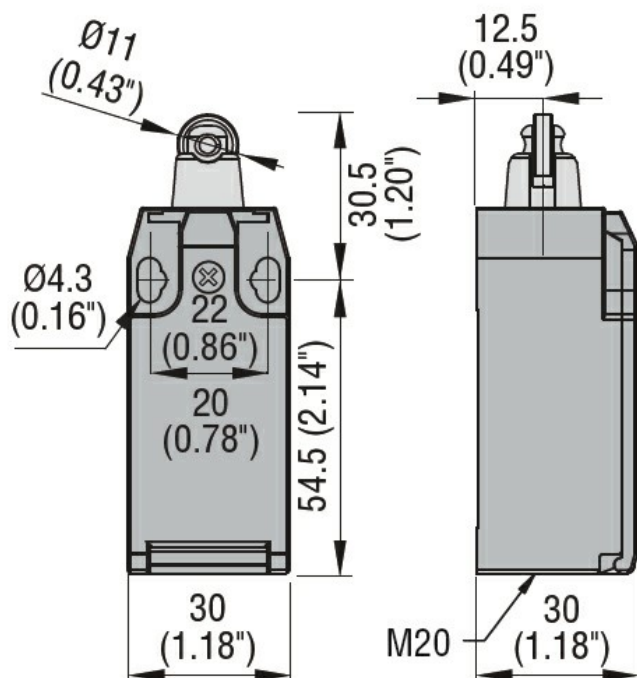
Operating head fixing				Locking bayonet insert		
Operating torque				N	5	
				lb	1.1	
Tightening torque (Max)						
Switch fixing				Nm	2.5	
				lbin	22.1	
Contact terminals				Nm	0.8	
				lbin	7	
Body lid screw fixing				Nm	0.8	
				lbin	7	
Conductor section						
AWG/Kcmil				min	16	
				max	14	
IEC				min	mm ²	1.5
				max	mm ²	2.5
Cable connection					Self-releasing screw terminal	
Cable entry					M20 on the sides	

Operations

Mechanical life	cycles	<10000000
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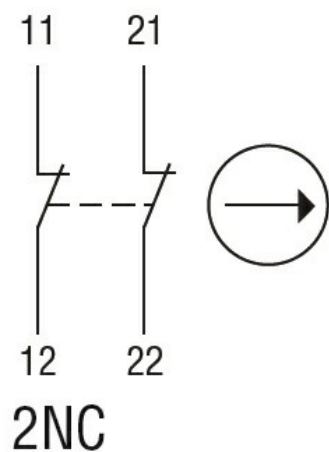
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Mechanical operation	cycles/h			3600
Ambient conditions				
Temperature	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
IP degree	Terminals			
	Body housing			IP20
				IP65
Pollution degree				3
Dimensions				



Wiring diagrams

Snap action



Certifications and compliance

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY.
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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