KML2L02

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY.
DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SLOW ACTION. METAL ROD

Lovato electric
ENERGY AND AUTOMATION

Product designation			Adjustable rod lever
Product type designation			KML
General characteristics			
Material			
	Housing		Aluminium-zinc alloy
	Rod		Steel
Contact characteristics			
Type of contact			2NC 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		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 mm²	1or 2
		max mm²	2.5
Cable connection			Self-releasing screw terminal

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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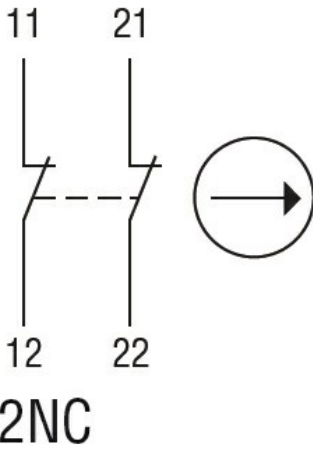| Cable entry			M20 on the bottom
Operations			
Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3
Dimensions			

Ø3 (0.12")

32-208 (1.26"-8.19")

Ø4.3 (0.16")

22 (0.86")

20 (0.78")

54.5 (2.14")

30 (1.18")

33.6 (1.32")

200 (7.87")

M20

30 (1.18")

Wiring diagrams

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Slow action

11   21

12   22

2NC
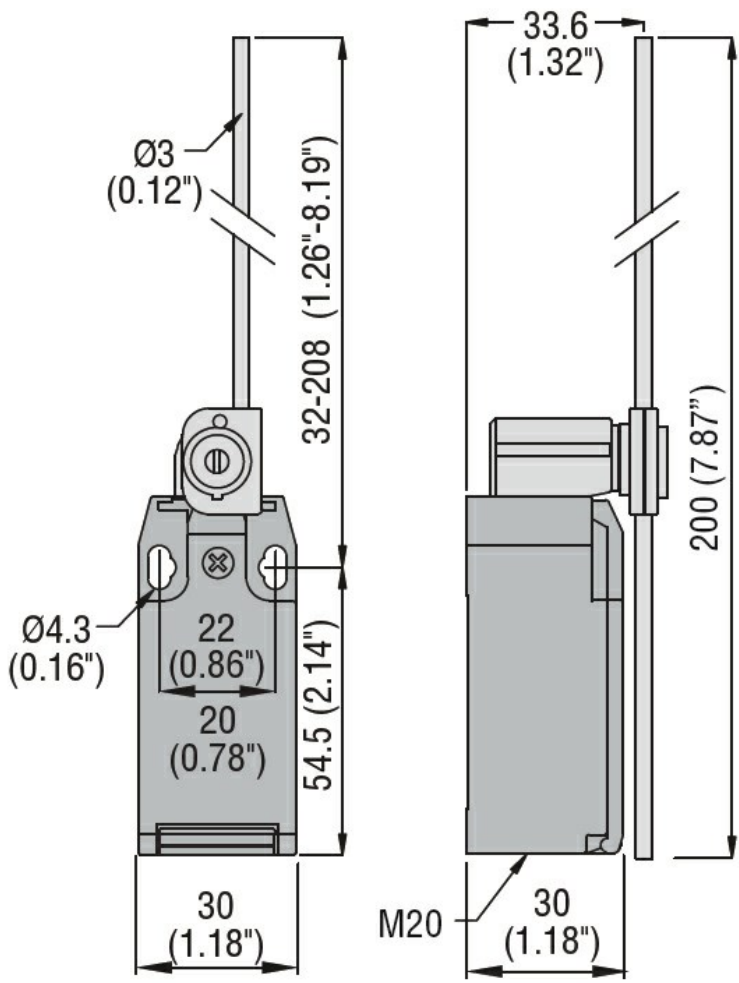
Certifications and compliance	
Compliance	
	CSA C22.2 n° 14
	EN 50047
	IEC/EN 60204-1
	IEC/EN 60947-1
	IEC/EN 60947-5-1
	UL508
Certificates	
	CCC
	cULus
	EAC

ETIM classification	
ETIM 8.0	EC000030 - End switch

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