## ENERGY AND AUTOMATION

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC ROD



KML1L21

Product designation	Adjustable rod lever
Product type designation	KML
General characteristics	
Material	

		Housing		Aluminium-zinc alloy
		Rod		Aluminium-zinc alloy
Contact characteristics				
Type of contact				2NO+1NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 desig				A300 Q300
Rated insulation voltage			V	440
Rated impulse withstance	I voltage Uimp		kV	4
Short-circuit protection v	<i>v</i> ith fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional free a			А	10
Resistance per pole (ave	erage 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		Nim	0.0
			Nm	0.8
Conductor contion			lbin	7
Conductor section	AWG/Kcmil			
		min		16
		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5

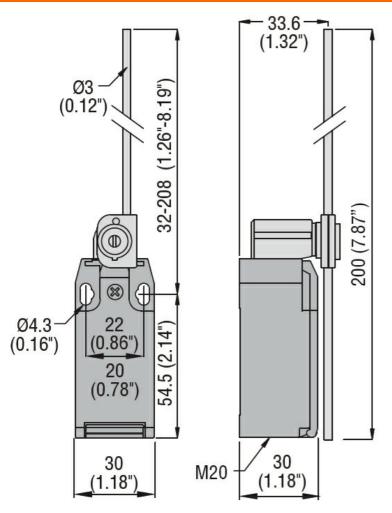
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Cable connection			Self-releasing screw terminal
Cable entry			M20 on the bottom
Operations			
Mechanical life		cycles	<1000000
Mechanical operation		cycles/h	3600
Ambient conditions			
Temperature			
Operating temperatu	Ire		
	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



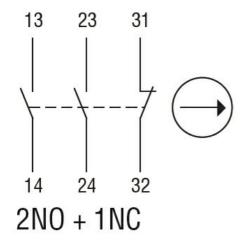
## Wiring diagrams

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Slow 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					
	000				
	cULus				
	EAC				
ETIM classification					
ETIM 8.0		EC000030 - End			

switch