## KMA1L21



LIMIT SWITCH, K SERIES, TOP PUSH ROD PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO+1NC SLOW ACTION. METAL PLUNGER



Product designation				Top push rod plunger
Product type designat	ion			KMA
General characteristic	S			
Material		Housing		Aluminium-zinc alloy
		Rod		Aluminium-zinc alloy
Contact characteristics	S			
Type of contact				2NO+1NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	-			A300 Q300
Rated insulation voltage			V	440
Rated impulse withsta	nd voltage Uimp		kV	4 
Insulation class				
Short-circuit protection	n with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed			,	~ <b>-</b>
		min	m/s m/s	0.5 1.5
IEC Conventional free	air thermal current Ith	max	A	1.5
	IEC Conventional free air thermal current Ith Resistance per pole (average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	5
			lb	1.1
Tightening torque (Max				
	Switch fixing			
			Nm	2.5
	Contact terminals		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
	IEC	max		14
		min	mm²	1or 2

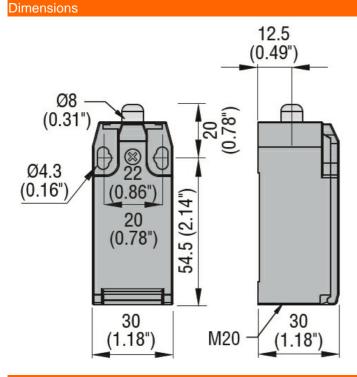
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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		max	mm²	2.5
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 temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3



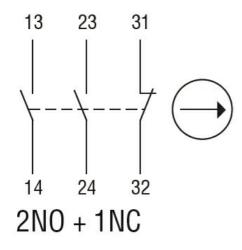
Wiring diagrams

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Slow action



Certifications and con	npliance	
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