



Product designation				Top push rod plunger
Product type designation General characteristics				KMA
Material				
Ivialenai		Housing		Aluminium-zinc alloy
		Rod		Aluminium-zinc alloy
Contact characteristics				
Type of contact				2NC Snap actio
Thermal current Ith			A	10
IEC/EN 60947-5-1 designati	on			A300 Q300
Rated insulation voltage Ui			V	440
Rated impulse withstand volt	age Uimp		kV	4
Insulation class				II
Short-circuit protection with f	use		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
150.0 a 14 b 4		max	m/s	1.5
IEC Conventional free air thermal current Ith			A	10
Resistance per pole (averag	e value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayone insert
Operating torque				libert
			Ν	5
			lb	1.1
Tightening torque (Max)			10	
	ch fixing			
0			Nm	2.5
			lbin	22.1
Con	tact terminals			
			Nm	0.8
			lbin	7
Body	y lid screw fixing			
	-		Nm	0.8
			lbin	7
Conductor section				
AWG	G/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

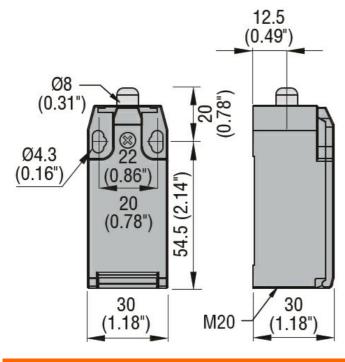


ENERGY AND AUTOMATION

KMA1S02 LIMIT SWITCH, K SERIES, TOP PUSH ROD PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. METAL PLUNGER

Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Femperature				
Operatir	ng temperature			
		min	°C	-25
		max	°C	+70
Storage	temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
P degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions

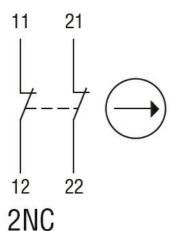


Wiring diagrams



KMA1S02 LIMIT SWITCH, K SERIES, TOP PUSH ROD PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SNAP ACTION. METAL PLUNGER

Snap 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 CCC cULus EAC ETIM classification EC000030 - End **ETIM 8.0** switch