## **KCA1S02**



LIMIT SWITCH, K SERIES, TOP PUSH ROD PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SNAP ACTION. METAL PLUNGER



Product designation				Top push rod plunger
Product type designat	tion			KCA
General characteristic	S			
Material				
		Housing		Polymer thermoplastic
		Rod		Aluminium-zinc alloy
Contact characteristic	S			
Type of contact				2NC Snap action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	-			A600 Q600
Rated insulation voltage			V	690
Rated impulse withsta	Ind voltage Uimp		kV	6
Insulation class				11
Short-circuit protection	n 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			А	10
Resistance per pole (a	average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	5
			lb	1.1
Tightening torque (Ma	x)			
	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
				0 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

2.5

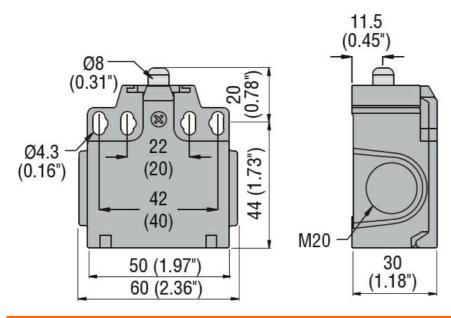
mm²

max



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Cable connection			Self-releasing
			screw terminal
Cable entry			M20 on the sides
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 & Protection			
IP degree			
-	Terminals		IP20
	Body housing		IP65
Pollution degree	, 0		3
Dimensions			



Wiring diagrams

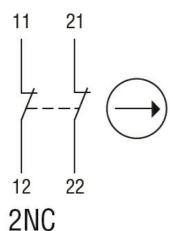
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## Snap action



## 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