ENERGY AND AUTOMATION

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



KCA1L11

Product designation				Top push rod plunger
Product type designat				KCA
General characteristic	S S			
Material				
		Housing		Polymer thermoplastic
		Rod		Aluminium-zinc alloy
Contact characteristic	S			
Type of contact				1NO+1NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	esignation			A600 Q300
Rated insulation voltage	ge Ui		V	690
Rated impulse withsta	and voltage Uimp		kV	6
Insulation class				П
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	Resistance per pole (average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	5
			lb	1.1
Tightening torque (Ma	x)			
5 5 1 (Switch fixing			
	5		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

KCA1L11

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

1or 2

min

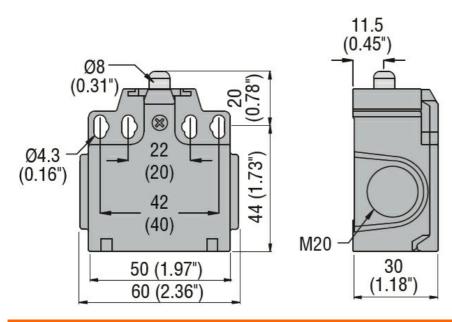
mm²

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		max	mm²	2.5
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	n			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				

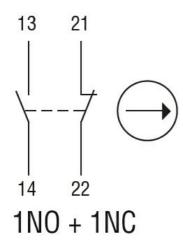


Wiring diagrams



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Slow action



Certifications and o	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