

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



KBA1L12

			Top push rod plunger
Product type designation			KBA
General characteristics			
Material	Housing		Polymer thermoplastic
	Rod		Aluminium-zinc alloy
Contact characteristics			
Type of contact			1NO+2NC Slow action
Thermal current lth		А	10
IEC/EN 60947-5-1 designation			A600 Q300
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		kV	6
Insulation class			<u> </u>
Short-circuit protection with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed		,	
	min	m/s	0.5
IEC Conventional free air thermal current Ith	max	m/s	1.5 10
Resistance per pole (average value)		 mΩ	<10
Mechanical features		11152	
			Locking bayone
Operating head fixing			insert
Operating torque			
		Ν	5
		lb	1.1
Tightening torque (Max)			
Switch fixing			
		Nm	2.5
		lbin	22.1
Contact terminals		Nime	0.0
		Nm	0.8
Body lid screw fixing		lbin	7
Body lid screw fixing		Nm	0.8
		lbin	7
Conductor section			1
AWG/Kcmil			
	min		16
	max		14
IEC			

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

min

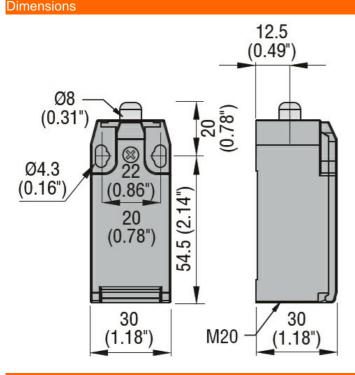
mm²

1or 2



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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 & Protection	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree		· · · · · · · · · · · · · · · · · · ·		3
Dimensions				



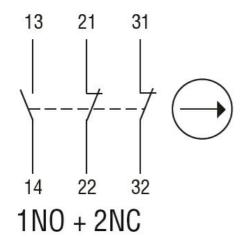
Wiring diagrams

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Slow action



Certifications and	l 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	on de la constant de	
		EC000030 - End

ETIM 8.0

EC000030 - End switch