ENERGY AND AUTOMATION

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



KBA1L20

Product designation				Top push rod plunger
Product type designation			KBA	
General characterist	ICS			
Material		Housing		Polymer thermoplastic
		Rod		Aluminium-zinc alloy
Contact characteristi	CS			
Type of contact				2NO Slow action
Thermal current Ith			Α	10
IEC/EN 60947-5-1 d	esignation			A600 Q600
Rated insulation volta	age Ui		V	690
Rated impulse withst	and voltage Uimp		kV	6
Insulation class				
Short-circuit protection	on with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional fre	e air thermal current Ith		А	10
Resistance per pole	(average value)		mΩ	<10
Mechanical features				
Operating head fixing	g			Locking bayonet insert
Operating torque				
			Ν	5
			lb	1.1
Tightening torque (M	ax)			
	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
		max	mm²	2.5

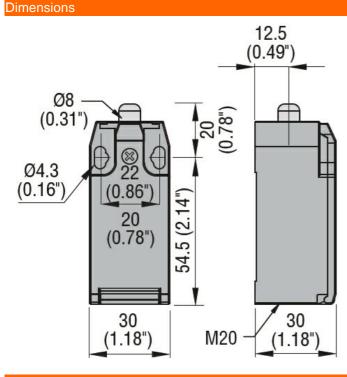
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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			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			
P degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3



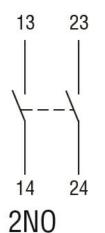
Wiring diagrams

KBA1L20



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Slow action



Certifications and com	pliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	<u>CCC</u>	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch