

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



Product designation	Top push rod plunger
Product type designation	KBA

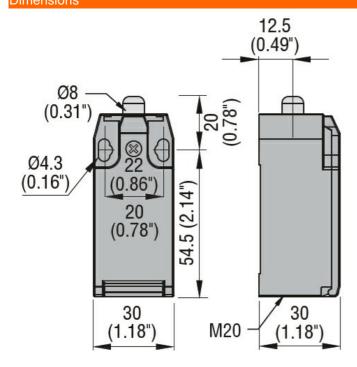
General characteristics

Material				
		Housing		Polymer
		· ·		thermoplastic Aluminium-zinc
		Rod		alloy
Contact characteristi	cs			
Type of contact				1NO+1NC Snap action
Thermal current Ith			Α	10
IEC/EN 60947-5-1 d	esignation			A600 Q300
Rated insulation volta	-		V	690
Rated impulse withst	and voltage Uimp		kV	6
Insulation class				II
Short-circuit protection	on with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed			,	
		min	m/s	0.5
IFO O		max	m/s	1.5
	e air thermal current Ith		A	10
Resistance per pole Mechanical features	(average value)		mΩ	<10
				Locking bayonet
Operating head fixing	3			insert
Operating torque				
			N	5
			lb	1.1
Tightening torque (M	•			
	Switch fixing		Nico	0.5
			Nm	2.5
	Contact terminals		lbin	22.1
	Contact terminals		Nm	0.8
			lbin	7
	Body lid screw fixing		10111	,
	Body lid solew lixing		Nm	0.8
			lbin	7
Conductor section				
	AWG/Kcmil			
		min		16
		max		14
	IEC			
		min	mm²	1or 2



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	max	mm²	2.5
Cable connection			Self-releasing
Cable connection			screw terminal
Cable entry			M20 on the
Cable Chiry			bottom
Operations			
Mechanical life		cycles	<10000000
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			
Ğ	Terminals		IP20
	Body housing		IP65
Pollution degree			3
Dimensions			

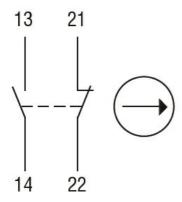


Wiring diagrams



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Snap action



1NO + 1NC

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		
	cl II us		

ETIM classification

EAC

ETIM 8.0

EC000030 - End switch