

LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SNAP ACTION. PLASTIC ROLLER



KBC1S11

Product designation	Roller centre push lever
Product type designation	KBC
General characteristics	
Material	

Matchai		Housing		Polymer thermoplastic
		Roller		Plastic
Contact characteristics	5			
Type of contact				1NO+1NC Snap action
Thermal current Ith			A	10
IEC/EN 60947-5-1 de	signation			A600 Q600
Rated insulation voltage	-		V	690
Rated impulse withsta			kV	6
Insulation class				11
Short-circuit protection	with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional free			A	10
Resistance per pole (a	average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	6
			lb	1.34
Tightening torque (Max	<)			
	Switch fixing			
			Nm	2.5
			lbin	22.1
	Contact terminals			
			Nm	0.8
			lbin	7
	Body lid screw fixing			
			Nm	0.8
0			lbin	7
Conductor section				
	AWG/Kcmil			16
		min		16
	IEC	max		14
	IEC	min	mm ²	1 or 2
		min	mm²	1or 2



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

mm²

max

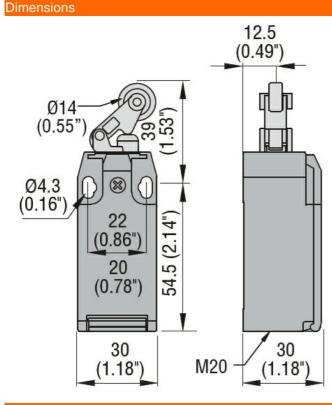
2.5



ENERGY AND AUTOMATION

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Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Femperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectio	n			
P degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3



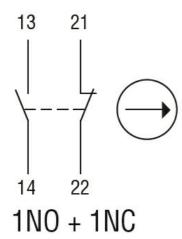
Wiring diagrams

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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 classificatior	n	
		EC000030 - End

ETIM 8.0

EC000030 - End switch