

KBF4L12 LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+2NC SLOW ACTION. RUBBER ROLLER WITH OFFSET ALIGNMENT



Product designation			Adjustable roller lever
Product type designation			KBF
General characteristics			
Material			Delument
	Housing		Polymer thermoplastic
	Roller		Rubber
Contact characteristics			
Type of contact			1NO+2NC Slow action
Thermal current Ith		Α	10
IEC/EN 60947-5-1 designation			A600 Q600
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		kV	6
Insulation class			II
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 air thermal current Ith		A	10
Resistance per pole (average value) Mechanical features		mΩ	<10
Operating head fixing			Locking bayonet
Operating torque			insert
Operating torque		Ncm	3
		ozin	4.25
Tightening torque (Max)		-	
Switch fixing			
		Nm	2.5
		lbin	22.1
Contact terminals			
		Nm	0.8
Body lid screw fixing		lbin	7
bouy lid screw lixing		Nm	0.8
		lbin	7
Conductor section			
AWG/Kcmil			
	min		16
	max		14
IEC		2	1
	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

2.5

mm²

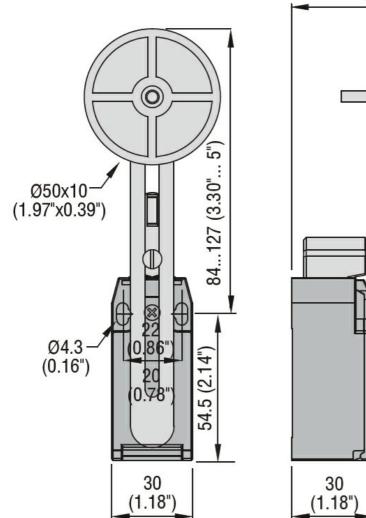
max



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ENERGY AND AUTOMATION	,	ROLLER WITH OFFSET ALIGNMENT		
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 & Protectic	n			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				
	54 5 00 5			





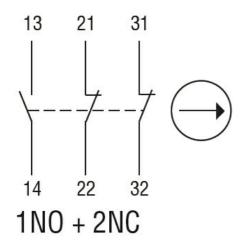
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Wiring diagrams

Slow action



Certifications and co	ompliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	202	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch