

**KBF3L12** 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



Product designation		Adjustable roller lever
Product type designation		KBF
General characteristics		
Material		
	Housing	Polymer thermoplastic

		riousing		thermoplastic
		Roller		Rubber
Contact characteristic	CS			
Type of contact				1NO+2NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	esignation			A600 Q300
Rated insulation volta	ige Ui		V	690
Rated impulse withst	and voltage Uimp		kV	6
Insulation class				II
Short-circuit protectic	n with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min	m/s	0.5
		max	m/s	1.5
IEC Conventional free	e air thermal current Ith		А	10
Resistance per pole	(average value)		mΩ	<10
Mechanical features				
Operating head fixing	I			Locking bayonet insert
Operating torque				
			Ncm	3
			ozin	4.25
Tightening torque (Ma	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		2	4
		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



ENERGY AND AUTOMATION

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Cable connection Cable entry Operations Mechanical life Mechanical operation Ambient conditions			Self-releasing screw terminal M20 on the
Operations Mechanical life Mechanical operation			
Mechanical life Mechanical operation			bottom
Mechanical life Mechanical operation			bottom
		cycles	<1000000
Ambient conditions		cycles/h	3600
Temperature			
Operating temperature		°O	05
	min	°C °C	-25 +70
Storage temperature	max	0	+70
Storage temperature	min	°C	-40
	max	°Č	+70
Resistance & Protection			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3
Dimensions			
42.5 (1.67") 42.5 (1.67") (1.97"x0.39") (0.16") (0.16") (0.78") (1.97"x0.39") (0.78")			

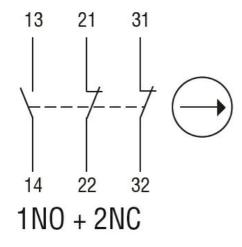
## Wiring diagrams

KBF3L12



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Slow 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

switch