ENERGY AND AUTOMATION

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION. METAL ROLLER



KBF2L11

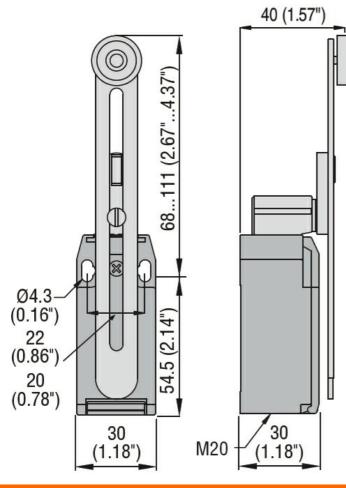
Product designation	Adjustable roller lever
Product type designation	KBF
General characteristics	
Material	

Roller Metal Contact INO-11NC Slow action Type of contact action action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Ui V 690 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 15 IEC conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10 Mechanical features Uocking bayonet insert 0 Operating head fixing min 3 ozin Operating torque Ncm 3 ozin 4.25 Tightening torque (Max) Switch fixing Nm 0.8 15 Ibin 7 Body lid screw fixing Nm 0.8 15 Conductor section AWG/Kcmil min 16 max 14 IEC min min 16			Housing		Polymer thermoplastic
Contact characteristics 1NO+1NC Slow action Type of contact 1NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Uimp V 690 Rated insulation voltage Uimp KV 6 Insulation class II 10 g/GCC Short-circuit protection with fuse Class/A 10 g/GCC Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ<<10			Roller		-
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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 lth A 10 Resistance per pole (average value) mΩ <10	Rated impulse withstan	id voltage Uimp		kV	6
Since Circuit protection with ruse Circuits // QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Insulation class				11
min m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Short-circuit protection	with fuse		Class/A	
max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Switching speed				
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Resistance per pole (average value) mΩ <10			max		
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Nm 0.8 Ibin 7 Conductor section AWG/Kcmil				Ibin	/
Ibin 7 Conductor section AWG/Kcmil 16		Body lid screw fixing		Nime	0.0
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min 16 max 14 IEC min mm² 1 or 2	CONTRACTOR SECTION				
max 14 IEC min mm² 1 or 2			min		16
IEC min mm ² 1or 2					
min mm ² 1or 2		IEC	max		i F
			min	mm²	1or 2



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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			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
- · ·	min	°C	-40
	max	°C	+70
Resistance & Protection			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree	Body hodding		3
Dimensions			J



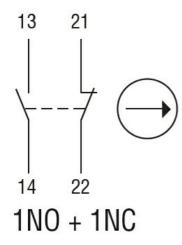
Wiring diagrams

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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 classification	1	
ETIM 8.0		EC000030 - End

switch

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