

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO SLOW ACTION. RUBBER ROLLER



**KBF3L20** 

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

		Housing		Polymer thermoplastic
		Roller		Rubber
Contact characteristics				
Type of contact				2NO Slow action
Thermal current Ith			Α	10
IEC/EN 60947-5-1 des	ignation			A600 Q300
Rated insulation voltage			V	690
Rated impulse withstar			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		А	10
Resistance per pole (a	verage value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ncm	3
			ozin	4.25
Tightening torque (Max				
	Switch fixing			
			Nm	2.5
			lbin	22.1
	Contact terminals		Nime	0.0
			Nm Ibin	0.8 7
	Body lid screw fixing		IDIN	1
	Body lid screw fixing		Nm	0.8
			lbin	7
Conductor section				,
	AWG/Kcmil			
		min		16
		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5



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ENERGY AND ADTOMATION					ROLLER
					Self-releasing
Cable connection					screw terminal
Cable entry					M20 on the
					bottom
Operations					
Mechanical life				cycles	<1000000
Mechanical operation				cycles/h	3600
Ambient conditions Temperature					
remperature	Operating temp	erature			
	Operating temp		min	°C	-25
			max	°C	+70
	Storage temper	ature			
			min	°C	-40
			max	°C	+70
Resistance & Protectio	n				
IP degree					
			Terminals		IP20
Dellution de mese			Body housing		IP65
Pollution degree Dimensions					3
Dimonolone					
		42.5 (1.67")			
(	1				
	2				
Ø50x10	30".				
(1.97"x0.39")	84127 (3.				
		┟╨───╒┽╙╼╽			
μ.					
Ø4.3-					
Ø4.3 (0.16")	.86")				
	20 5				
0	.78") [ <u>N</u>				
	54.5 (2.14")				
		)    T			
	30	/ 30			
(1	30 .18")	M20 (1.18")			
<u> </u>					

## Wiring diagrams

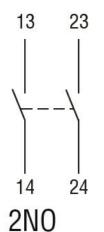
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## Slow action



Certifications and cor	npliance	
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

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