

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



**KBF4L20** 

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

	Housing	Polymer thermoplastic
	Roller	Rubber
Contact characteristics	Koner	Rubbei
Type of contact		2NO Slow action
Thermal current Ith	А	10
IEC/EN 60947-5-1 designation		A600 Q600
Rated insulation voltage Ui	V	690
Rated impulse withstand voltage Uimp	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 air thermal current Ith	А	10
Resistance per pole (average 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	Nee	0.0
	Nm Ibin	0.8 7
Body lid screw fixing	וועו	1
body ild sciew lixing	Nm	0.8
	lbin	7
Conductor section	1011	
AWG/Kcmil		
	min	16
	max	14
IEC		
	min mm²	1or 2
	max mm²	2.5

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ENERGY AND AUTOMATION		ROLLER V	VITH OFF	SET ALIGNMENT
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				bottom
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature		°C	25
		min max	°C ℃	-25 +70
	Storage temperature	Шах	0	+70
	eterage temperature	min	°C	-40
		max	°C	+70
Resistance & Protection	on			
IP degree				
		Terminals		IP20
Dellution de grae		Body housing		IP65
Pollution degree Dimensions				3
Dimensione		51.566.5 (2.02"2.61")		
Ø50x10- (1.97"x0.39")				
	30	30		

(1.18"

(1.18')

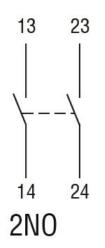
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Wiring diagrams

## 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				
ETIM 8.0		EC000030 - End		

switch