

KBF4S11 LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SNAP ACTION. RUBBER ROLLER WITH OFFSET ALIGNMENT



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

	Housing	Polymer
	Roller	thermoplastic Rubber
Contact characteristics	Roller	
Type of contact		1NO+1NC Snap action
Thermal current Ith	A	10
IEC/EN 60947-5-1 designation		A600 Q600
Rated insulation voltage Ui	V	690
Rated impulse withstand voltage Uimp	kV	6
Insulation class		
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)	mΩ	<10
Mechanical features		
Operating head fixing		Locking bayonet insert
Operating torque		
	Ncm	
	ozin	4.25
Tightening torque (Max)		
Switch fixing		
	Nm	2.5
	lbin	22.1
Contact terminals	Nu	<u>.</u>
	Nm	0.8
Dody lid corow fiving	lbin	7
Body lid screw fixing	Nm	0.8
	Ibin	7
Conductor section		1
AWG/Kcmil		
	min	16
	max	14
IEC		
	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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ENERGY AND AUTOMATION		ROLLER V	VITHOFF	SET ALIGNMENT
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<1000000
Mechanical operation Ambient conditions			cycles/h	3600
Temperature				
remperature	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
Resistance & Protectio	n	max	°C	+70
IP degree	/1			
in adgree		Terminals		IP20
_		Body housing		IP65
Pollution degree				3
Dimensions				
(0.16")	54.5 (2.14") 84127 (3.30" 5")	51.566.5 (2.02"2.61")		
	30 (1.18")	30 (1.18")		

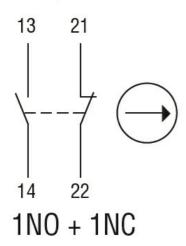
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Wiring diagrams

Snap 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		