

**KBF1L12** LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+2NC SLOW ACTION. PLASTIC ROLLER



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

	Housing		Polymer thermoplastic
	Roller		Plastic
Contact characteristics			
Type of contact			1NO+2NC 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			
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	3
		ozin	4.25
Tightening torque (Max)			
Switch fixing		N	0 5
		Nm	2.5
Contact terminals		lbin	22.1
Contact terminals		Nm	0.8
		lbin	7
Body lid screw fixing			1
		Nm	0.8
		lbin	7
Conductor section			
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

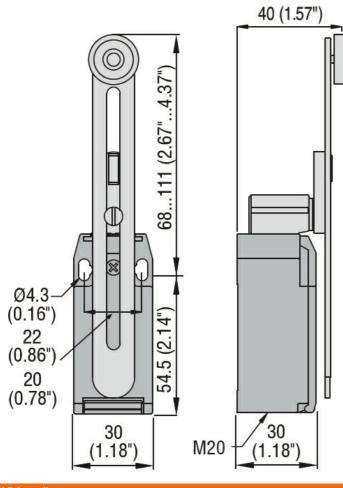


ENERGY AND AUTOMATION

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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				
Operat	ing temperature			
		min	°C	-25
		max	°C	+70
Storag	e temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
P degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensione				



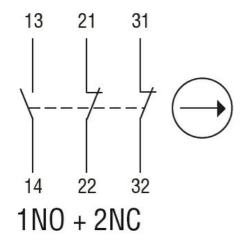


## Wiring diagrams



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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 classificatio	n			
		EC000030 - End		

ETIM 8.0

switch