



Product designation Adjustable rod lever Product type designation KBL General characteristics Polymer thermoplastic Advinitum-zince Material Housing Polymer thermoplastic altoy Contact characteristics NC Slow action Type of contact 3NC Slow action Thermal current tith A 10 EC/TEN 609/75-1 designation Ac600 Q600 Rated insulation voltage Ui V Short-circuit protection with fuse Class/A Switching speed II min m/s 0.5 max m/s 0.5 max m/s 1.5 EC Conventional free air thermal current th A 10 Resistance per pole (average value) mQ <10 Mechanical features uset 1.5 Operating head fixing Locking bayonet insert insert Operating torque Nm 2.5 Ightening torque (Max) Switch fixing Nm Modult of screw fixing Nm 0.8 Ibin 7 Conductor section Nm AWG/Kcmil min min min IEC min< 16 min< 14					
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Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 0 gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 15 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Thermal current Ith			А	10
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Resistance per pole (average value) mΩ <10			max		
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AWG/Kcmil min 16 max 14 IEC min mm ² 1 or 2	Conductor section				
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max 14 IEC min mm² 1 or 2			min		16
IEC min mm ² 1or 2					
min mm ² 1or 2		IEC	max		· ·
			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

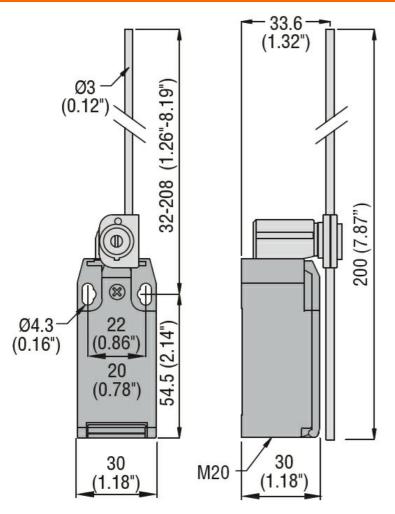


ENERGY AND AUTOMATION

KBL1L03 LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 3NC SLOW ACTION. PLASTIC ROD

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 & Protect	ion			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions

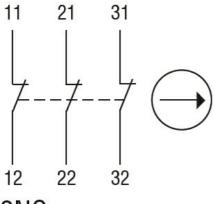


Wiring diagrams



KBL1L03 LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 3NC SLOW ACTION. PLASTIC ROD

Slow action



3NC

Certifications and com	pliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	<u>CCC</u>	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch