

Material

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



**KBL2L21** 

Product designation	Adjustable rod lever
Product type designation	KBL
General characteristics	

Watehai		Housing		Polymer thermoplastic
		Rod		Steel
Contact characteristics				
Type of contact				2NO+1NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 des	signation			A600 Q300
Rated insulation voltag			V	690
Rated impulse withstar	nd 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			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			
			Nm	0.8
			lbin	7
	Body lid screw fixing		N.L.	
			Nm	0.8
Conductor contion			lbin	7
Conductor section	AWG/Kcmil			
	AWG/RCIIII	min		16
		max		14
	IEC	IIIdX		17
		min	mm²	1or 2
		max	mm²	2.5
				-

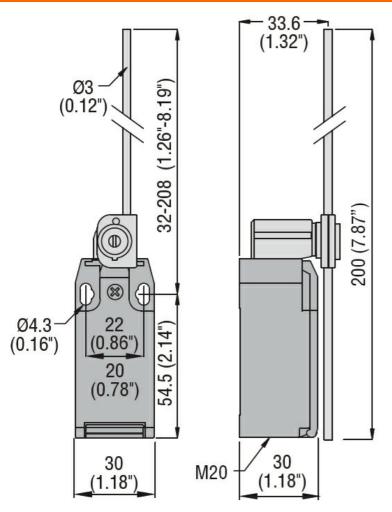
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Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<1000000
Mechanical operation	1		cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions



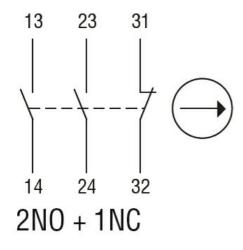
## Wiring diagrams

**KBL2L21** 



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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 classification				
ETIM 8.0		EC000030 - End		

switch