

Material

LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC ROLLER



**KBB1L21** 

Product designation	Top roller push plunger
Product type designation	KBB
General characteristics	

Material		Housing		Polymer thermoplastic
		Roller		Plastic
Contact characteristics	3			
Type of contact				2NO+1NC Slow
Thermal current Ith			A	action 10
IEC/EN 60947-5-1 des	signation		A	A600 Q300
Rated insulation voltage			V	690
Rated impulse withsta			kV	6
Insulation class			ΝV	<u> </u>
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 (a	average value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ν	5
			lb	1.1
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 conting			lbin	7
Conductor section	AVA/C/Komil			
	AWG/Kcmil	min		16
		max		14
	IEC	IIIdX		17
		min	mm²	1or 2
		11111		0.5

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

mm²

max

2.5

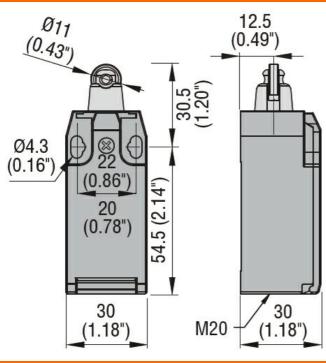


ENERGY AND AUTOMATION

**KBB1L21** LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC ROLLER

Cable connection				Self-releasing screw termina
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 & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions

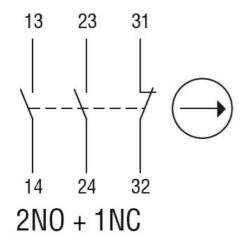


Wiring diagrams



LIMIT SWITCH, K SERIES, TOP ROLLER PUSH PLUNGER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO+1NC SLOW ACTION. PLASTIC ROLLER

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	
ETIM 8.0		EC000030 - End

switch

**KBB1L21** 

KBB1L21