

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



KBE2L21

Product designation	Roller lever plunger
Product type designation	KBE
General characteristics	
Material	

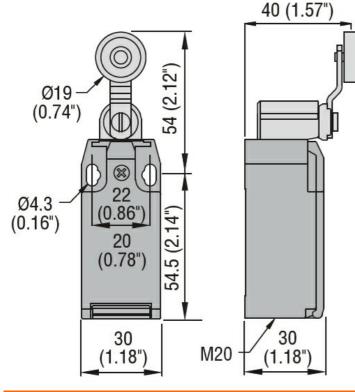
Roller Metal Contact characteristics Type of contact 2NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A 600 0300 Rated insulation voltage Ui V 690 Rated insulation voltage Ui V 690 Rated insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE QUICK FUSE Switching speed min m/s 0.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10			Housing		Polymer thermoplastic
Type of contact 2NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q300 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp kV 6 Insulation class II 10 gG/SC Short-circuit protection with fuse Class/A 10 gG/SC 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			Roller		
Type of contact action Thermal current lth A 10 IEC/EN 60947-5-1 designation A 600 Q300 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp kV 6 Insulation class II II 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) mQ <10	Contact characteristics				
IEC/EN 60947-5-1 designation A600 Q300 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp kV 6 Insulation class II 10 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 mix m/s 1.5 15 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Type of contact				
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 0.5 EC Conventional free air thermal current lth A 10 Restance per pole (average value) mΩ <10	Thermal current Ith			А	10
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Switching speed min m/s 0.5 min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Insulation class				II
min m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Short-circuit protection	with fuse		Class/A	
max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Switching speed				
IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10			min	m/s	0.5
Resistance per pole (average value) mΩ <10			max	m/s	
Mechanical features Locking bayonet insert Operating head fixing Locking bayonet insert Operating torque Ncm 3 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 16 AWG/Kcmil min 16 max 14 IEC min min mm 10r 2					
Operating head fixing Locking bayonet insert Operating torque Ncm 3 Operating torque (Max) Ncm 4.25 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 100 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 16 AWG/Kcmil min 16 IEC min mm 101		verage value)		mΩ	<10
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Nm 0.8 Ibin 7 Conductor section AWG/Kcmil				Ibin	/
Ibin 7 Conductor section AWG/Kcmil I		Body lid screw fixing		Nime	0.0
Conductor section AWG/Kcmil min 16 min 14 IEC min mmm²					
AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2	Conductor contion				/
min 16 max 14 IEC min mm ² 1or 2	Conductor Section				
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IEC min mm ² 1or 2					
min mm² 1or 2		IEC	max		
			min	mm²	1or 2



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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				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectic	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions



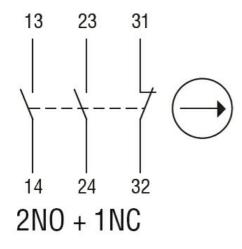
Wiring diagrams

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Slow action



Certifications and co	mpliance	
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

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