ENERGY AND AUTOMATION

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



KCE2L11

Product designation	Roller lever plunger
Product type designation	KCE
General characteristics	

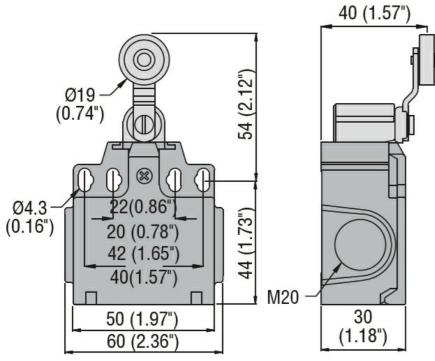
N/a+a	
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iviaco	, nui

Roller Metal Contact characteristics INO+1NC Slow action Type of contact 1NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 0300 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 Switching speed min m/s 0.5 Max A 10 Resistance per pole (average value) mQ <10 Mechanical features Uckring bayonet insert 0 Operating torque Ncm 3 Operating torque (Max) Switch fixing Nm 2.5 Ibin 7 22.1 Conductor section AWG/Kcmil Nm 0.8 Ibin 7 25.1 10 Ibin 7 7 10			Housing		Polymer thermoplastic
Contact characteristics INO+1NC Slow action Type of contact 1NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q300 Rated insulation voltage Uimp 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 lth A 10 Resistance per pole (average value) mQ<<10			Roller		
Type or contact 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 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 lth A 10 Resistance per pole (average value) mQ <10	Contact characteristics				
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Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min max m/s 0.5 max IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Rated impulse withstar	nd voltage Uimp		kV	6
Since clicult protection with ruse Class/A QUICK FUSE Switching speed 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	Insulation class				II
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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		
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 min 10 f					
Operating head fixing Locking bayonet insert Operating torque Ncm 3 Tightening torque (Max) Switch fixing 4.25 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 100 22.1 Contact terminals Nm 0.8 100 Body lid screw fixing Nm 0.8 100 Conductor section AWG/Kcmil min 16 IEC min 14		verage value)		mΩ	<10
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Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 16 min 16 max 14 IEC min mm 10r 2	Operating head fixing				
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Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil 16 min 16 IEC 14				lbin	22.1
Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil Ibin AWG/Kcmil 16 IEC 14		Contact terminals			
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Nm 0.8 Ibin 7 Conductor section AWG/Kcmil				lbin	7
Ibin 7 Conductor section AWG/Kcmil I		Body lid screw fixing			
Conductor section AWG/Kcmil min 16					
AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2	Conductor contian			IDIN	1
min 16 max 14 IEC min mm² 1 or 2	Conductor Section	AVA/C///comil			
max 14 IEC min mm² 1 or 2		Awg/Kcmii			16
IEC min mm ² 1or 2					
min mm ² 1or 2			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 sides
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 & Protection	วท			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				

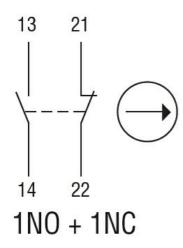


Wiring diagrams



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

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		
		EC000030 - End

ETIM 8.0

EC000030 - End switch