

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. METAL ROLLER



KCF2L02

Product designation	Adjustable roller lever
Product type designation	KCF
General characteristics	
Material	

Roller Metal Contact characteristics 2NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 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 Switching speed min m/s 0.5 EEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ <10 Mechanical features Ucoking bayonet insert 0 Operating head fixing Locking bayonet insert 0 Operating torque (Max) Switch fixing Nm 3. Switch fixing Nm 0.8 1bin 7 Conductor section AWG/Kcmil min 16 max 14			Housing		Polymer thermoplastic
Contact characteristics 2NC Slow action Type of contact A 10 IEC/EN 60947-5-1 designation A600 Q600 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 0UICK FUSE Switching speed min m/s 0.5 max m/s 1.5 15 IEC Conventional free air thermal current Ith A 10 0 Resistance per pole (average value) mQ <10			Roller		
Type of contact 2NC Slow action Thermal current th A 10 IEC/EN 60947-5-1 designation A 600 Q600 Rated insulation voltage Ui V 690 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 max m/s 0.5 Switching speed max m/s 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10	Contact characteristic	S			
Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Uimp V 690 Rated insulation voltage Uimp KV 6 Insulation class II 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10					2NC Slow action
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC QUICK FUSE Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max 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				А	10
Rated impulse withstand voltage Uimp kV 6 Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10	IEC/EN 60947-5-1 de	esignation			A600 Q600
Insulation class 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) mΩ <10 Mechanical features Operating head fixing Locking bayonet insert Operating torque (Max) Switch fixing Nrm 2.5 Ibin 22.1 Contact terminals Nrm 0.8 Ibin 7 Body lid screw fixing Nrm 0.8 Ibin 7 Conductor section AWG/Kcmil AWG/Kcmil TEC min mm² 10 2	Rated insulation voltage	ge Ui		V	690
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) mΩ <10	Rated impulse withsta	and voltage Uimp		kV	6
Siloredicul protection with fuse OdassA 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				11
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	n 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 Ith A 10 Resistance per pole (average value) mΩ <10 Mechanical features Locking bayonet insert insert Operating head fixing Locking bayonet insert insert Operating torque Operating torque (Max) Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil IEC min mm² 1or 2			min	m/s	0.5
Resistance per pole (average value) mΩ <10			max	m/s	1.5
Mechanical features Locking bayonet insert Operating head fixing Ncm 3 ozin 4.25 Tightening torque (Max) Switch fixing Switch fixing Nm 2.5 Ibin 22.1 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nrm 0.8 Ibin 7 Body lid screw fixing Nm 16 Ibin 7 Ibin 7	IEC Conventional free	e air thermal current Ith		А	10
Operating head fixing Locking bayonet insert Operating torque Ncm 3 Operating torque (Max) Ncm 4.25 Tightening torque (Max) Switch fixing Nm 2.5		average value)		mΩ	<10
Operating friead fixing insert Operating torque Ncm 3 ozin 4.25 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mm² 1or 2	Mechanical features				
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ozin 4.25 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 Conductor section AWG/Kcmil min 16 14 IEC min 14 10 2	Operating torque				
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 Ibin 7 Conductor section AWG/Kcmil min 16 IEC min 14				Ncm	
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Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil min 16 max 14 IEC min mm²	Tightening torque (Ma				
Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil min 16 max 14 IEC min mm		Switch fixing			
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil Ibin 7 IEC min 16 min mm² 10r 2					
Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil 7 AWG/Kcmil min 16 IEC 14 IEC min mm²		-		lbin	22.1
Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil 16 min 16 IEC 14		Contact terminals			
Body lid screw fixing Nm 0.8 lbin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mm² 1 or 2					
Nm 0.8 Ibin 7 Conductor section AWG/Kcmil				Ibin	/
Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mmm²		Body lid screw fixing		Nime	0.0
Conductor section AWG/Kcmil min 16 max 14 IEC min mmm²					
AWG/Kcmil min 16 max 14 IEC min mm ² 1 or 2	Conductor costion			IDIN	1
min 16 max 14 IEC min mm ² 1 or 2		AMC/Komil			
IEC min mm² 1or 2			min		16
IEC min mm ² 1or 2					
min mm ² 1or 2		IFC	Παλ		17
			min	mm²	1or 2
			max	mm²	2.5

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ENERGY AND AUTOMATION					METAL ROLLER
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 tempera	ature	min	°C	25
			min max	°C	-25 +70
	Storage temperatu	Ire	IIIax	U	+70
	Otorage temperati	uic	min	°C	-40
			max	°Č	+70
Resistance & Protectio	n			-	-
IP degree					
			Terminals		IP20
			Body housing		IP65
Pollution degree					3
Dimensions					
	0 1 2 2 (4.65") 40(1.57") 0 (1.97")	44 (1.73") 66110 (2.60"4.33")	40 (1.57") 40 (1.57") 30 (1.18")		

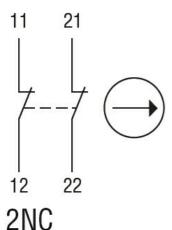
Wiring diagrams

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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 8.0

EC000030 - End switch

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