KCF4S11



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



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

Roller Rubber Ruber Contact INO-1NC Snap action Type of contact action action Thermal current lth 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 II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 EC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10 Mechanical features Locking bayonet insert Locking bayonet insert Operating head fixing min 3 Operating torque Ncm 3 Virth fixing Nm 2.5 Ibin 7 Eddy Iid screw fixing Rate terminals Nm 0.8 Ibin 7 Eddy Iid screw fixing IEC min 16 Ibin 7 Index fixing Ibin Ibin 7 <			Housing		Polymer thermoplastic
Contact characteristics INO+1NC Snap action Type of contact 1NO+1NC Snap 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 voltage Uimp kV 6 Insulation class II 1 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 Resistance per pole (average value) mQ<<10			Roller		
Type of contact action Thermal current lth A 10 EC/EN 60947-5-1 designation A600 Q600 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<="" td=""> 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10</m>	Contact characteristics				
IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp kV 6 Insulation class UI 0 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed 0.5 File Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ <10 Mechanical features 0.5 Operating head fixing 0.5 Tightening torque (Max) Switch fixing 0.5 Exercise 0.5 Switch fixing 0.5 Switch fixing 0.5 Switch fixing 0.5 Conductor section 0.8 Ibin 7 Conductor Section 0.7 Conductor Section 0.7	Type of contact				
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 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 10 Restance per pole (average value) mΩ <10	Thermal current Ith			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 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	IEC/EN 60947-5-1 des	ignation			A600 Q600
Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 Background min m/s 0.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10	Rated insulation voltage	e 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 Ith A 10 Resistance per pole (average value) mQ <10	Rated impulse withstar	id voltage Uimp		kV	6
Since click 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	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				Α	10
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 Locking bayonet insert Ibin 22.1 Contact terminals Nm 0.8 Body lid screw fixing Nm 0.8 Ibin 7 10 Conductor section AWG/Kcmil min 16 IEC min min 14	<u> </u>	verage value)		mΩ	<10
Operating head fixing insert Operating torque Ncm 3 ozin 4.25 Tightening torque (Max) Switch fixing Nm 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 IEC min 16 min mm 14	Mechanical features				
Ncm 3 Tightening torque (Max) Switch fixing 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 Nm 0.8 AWG/Kcmil min 16 max 14 IEC min mm²	Operating head fixing				
Image: state of the system ozin 4.25 Tightening torque (Max) Switch fixing Nm 2.5 bin 22.1 1 Contact terminals Nm 0.8 bin 7 1 Body lid screw fixing Nm 0.8 bin 7 1 Conductor section AWG/Kcmil Nm 16 min 16 14 IEC min 14	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	
Switch fixing 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 Nm 0.8 AWG/Kcmil min 16 IEC min 14 IEC min 10r 2				ozin	4.25
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 1.8 AWG/Kcmil min 16 IEC min 14	Tightening torque (Max				
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 nin 16 IEC min 14 IEC nin 10r 2		Switch fixing			
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil 16 min 14 IEC min 14					
Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil nin 7 IEC nin 16 min 14 IEC nin 10r 2		-		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 Ibin 7 Conductor section AWG/Kcmil Imin AWG/Kcmil 16 IEC 14 IEC 10 r 2					
Nm 0.8 Ibin 7 Conductor section AWG/Kcmil				Ibin	1
Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mm²		Body lid screw fixing		N L	
Conductor section AWG/Kcmil min 16 max 14 IEC min mm² min mm² 1 or 2					
AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2	Conductor postion			חומו	1
min 16 max 14 IEC min mm ² 1or 2	CONTRACTOR SECTION				
IEC min mm² 1or 2		AWG/Renili	min		16
IEC min mm ² 1or 2					
min mm² 1or 2		IEC	max		i F
			min	mm²	1or 2

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



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			Self-releasing
			screw terminal
			M20 on the sides
			4000000
			<1000000
		cycles/n	3600
Operating temperature			
operating temperature	min	°C	-25
			+70
Storage temperature		-	
	min	°C	-40
	max	°C	+70
n			
	Terminals		IP20
	Body housing		IP65
			3
	51 5 66 5 (2 02" 2 61"		
	51.500.5 (2.022.01		
<u> </u>			
		Storage temperature min max n Terminals Body housing 51.566.5 (2.02"2.61"	min °C Storage temperature min °C min °C max °C n °C

Wiring diagrams

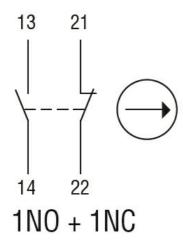
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Snap action



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	n	
		EC000030 - End

ETIM 8.0

EC000030 - End switch

KCF4S11