

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



KCF3S02

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

	min max	A V kV Class/A m/s m/s	thermoplastic Rubber 2NC Snap action 10 A600 Q600 690 6 II 10 gG/SC QUICK FUSE 0.5 1.5
Contact characteristics Type of contact Thermal current lth IEC/EN 60947-5-1 designation Rated insulation voltage Ui Rated inpulse withstand voltage Uimp Insulation class Short-circuit protection with fuse Switching speed IEC Conventional free air thermal current Ith Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)	min	V kV Class/A m/s m/s	2NC Snap action 10 A600 Q600 690 6 II 10 gG/SC QUICK FUSE 0.5
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Rated impulse withstand voltage Uimp Insulation class Short-circuit protection with fuse Switching speed IEC Conventional free air thermal current Ith Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)		Class/A m/s m/s	6 II 10 gG/SC QUICK FUSE 0.5
Insulation class Short-circuit protection with fuse Switching speed IEC Conventional free air thermal current Ith Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)		m/s m/s	II 10 gG/SC QUICK FUSE 0.5
Switching speed IEC Conventional free air thermal current Ith Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)		m/s m/s	QUICK FUSE
IEC Conventional free air thermal current Ith Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)		m/s	
Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)		m/s	
Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)	max		15
Resistance per pole (average value) Mechanical features Operating head fixing Operating torque Tightening torque (Max)		٨	1.0
Mechanical features Operating head fixing Operating torque Tightening torque (Max)		Α	10
Operating head fixing Operating torque Tightening torque (Max)		mΩ	<10
Operating torque Tightening torque (Max)			
Tightening torque (Max)			Locking bayone insert
		Ncm	3
		ozin	4.25
Switch fixing			
		Nm	2.5
		lbin	22.1
Contact terminals			
		Nm	0.8
		lbin	7
Body lid screw fixing			
		Nm	0.8
		lbin	7
Conductor section			
AWG/Kcmil	min		16
	min		16 14
IEC	max		14
IEU	min	mm²	1or 2
	max	mm²	2.5

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			Solf releasing
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			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3
Dimensions			
	42.5 (1.67")		
Ø50x10 (1.97"x0.39") 22(0.86") 20 (0.78") Ø4.3 (0.16") 42 (1.65") 42 (1.65") 42 (1.65")			

Wiring diagrams

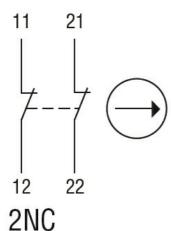
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Snap action



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 EC000030 - End **ETIM 8.0** switch

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