### **KNF4S02**



Material

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



Product designation	Adjustable roller lever
Product type designation	KNF
General characteristics	

Material		Housing		Aluminium-zinc alloy
		Roller		Rubber
Contact characteristics	6			
Type of contact				2NC Snap action
Thermal current Ith			А	10
IEC/EN 60947-5-1 des	signation			A300 Q300
Rated insulation voltag	e Ui		V	440
Rated impulse withstar	nd voltage Uimp		kV	4
Insulation class				11
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			Α	10
Resistance per pole (a	verage value)		mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ncm	3
			ozin	4.25
Tightening torque (Max				
	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		17
		min	mm²	1or 2
		max	mm²	2.5
		IIIdA		2.0

#### KNF4S02



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

Cable connection				Self-releasing
Coble ontry				screw terminal M20 on the sides
Cable entry Operations				W20 on the sides
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	
Ambient conditions			0,000,11	0000
Temperature				
•	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
IP degree		<b>T</b>		1000
		Terminals		IP20
Dellution de mes		Body housing		IP65
Pollution degree Dimensions				3
		51.566.5 (2.02"2.61"		
		51.560.5 (2.622.01		
Ø50x10- (1.97"x0.39") 22(0.86") 20 (0.78") Ø4.3- (0.16")	44 (1.73") 81125 (3.19"4.92")			

#### Wiring diagrams

KNF4S02

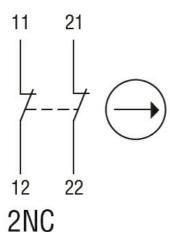
**KNF4S02** 

## **KNF4S02**



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

# 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

KNF4S02