

KNF2A11 LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE BEFORE BREAK. METAL PLUNGER



Product designation				Adjustable roller lever
Product type designati				KNF
General characteristics	S			
Material				
		Housing		Aluminium-zinc alloy
		Roller		Metal
Contact characteristics	3			
Type of contact				1NO+1NC Slow action make before break
Thermal current Ith			А	10
IEC/EN 60947-5-1 des				A300 Q300
Rated insulation voltag			V	440
Rated impulse withstar	nd voltage Uimp		kV	4
Insulation class				
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 (a	average value)		mΩ	<10
Mechanical features				Looking hoven at
Operating head fixing				Locking bayonet insert
Operating torque				_
			Ncm	3
Tishtening termine (Mas	A		ozin	4.25
Tightening torque (Max	,			
	Switch fixing		Nm	2.5
			Ibin	22.1
	Contact terminals			22.1
			Nm	0.8
			lbin	7
	Body lid screw fixing			
			Nm	0.8
			lbin	7
Conductor section				
	AWG/Kcmil			
		min		16
		max		14
	IEC	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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		max	mm²	2.5
Cable connection				Self-releasing
				screw terminal
Cable entry				M20 on the sides
Operations				1000000
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	min	°C	-25
		min		-25 +70
	Storogo tomporaturo	max	U	+70
	Storage temperature	min	°C	-40
		max		-40 +70
Resistance & Protection	on	IIIax	U	+70
IP degree				
IF deglee		Terminals		IP20
		Body housing		IP65
Pollution degree		Body housing		3
Dimensions				3
Dimensions				
		40 (1.57")		
		I IH P		
	.110 (2.60"4.33")			
	0			
22(0.86")				
20 (0.78")	66. [0]			
20 (0.70)				
$ \geq $				
	\mathbb{E}			
Ø4.3- (0.16")				
(0.16")				

Wiring diagrams

10

30

(1.18"

44

M20

1.57

50 (1.97")

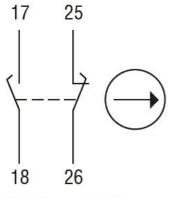
60 (2.36"

40



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Slow action



1NO + 1NC make before break

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					
	000				
	cULus				
	EAC				
ETIM classification					
ETIM 8.0		EC000030 - End switch			

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