

## **KMF2L20** LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO SLOW ACTION. METAL ROLLER



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

		Housing		Aluminium-zinc
		Roller		alloy Metal
Contact characteristics		Koller		Metal
Type of contact				2NO Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 des	ignation			A300 Q300
Rated insulation voltage	<b>T</b>		V	440
Rated impulse withstan			kV	4
Short-circuit protection			Class/A	10 gG/SC QUICK FUSE
Switching speed				
		min max	m/s m/s	0.5 1.5
IEC Conventional free a	air thermal current Ith	Παλ	A	1.0
Resistance per pole (av			mΩ	<10
Mechanical features			11152	
Operating head fixing				Locking bayonet insert
Operating torque				
oporaling lorquo			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
		max		14
	IEC	<u>.</u>	-	
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal

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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Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature		° <b>0</b>	05
		min	°C ℃	-25 +70
	Storage temperature	max	U	+70
	Storage temperature	min	°C	-40
		max	°C	+70
Resistance & Protectio	n	Παλ	U	+70
IP degree				
in dogroo		Terminals		IP20
		Body housing		IP65
Pollution degree		, <u> </u>		3
Dimensions				
	40 (1.57")			
	40 (1.57)			
Ø4.3 (0.16") 22 (0.86") 20 (0.78") 30 (1.18"	M20 (1.18")			

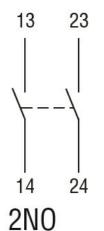
## Wiring diagrams

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## Slow action



Certifications and co	mpliance	
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