KMC2S11



LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 1NO+1NC SNAP ACTION. METAL ROLLER



Product designation	Roller centre push lever
Product type designation	KMC
General characteristics	
Material	

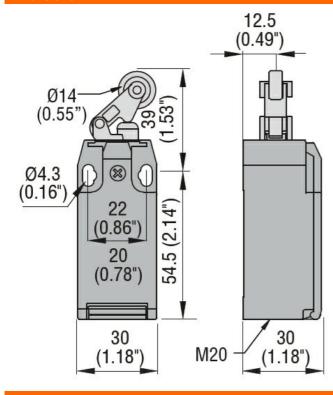
Roller Metal Contact characteristics 1NO+1NC Snap action Type of contact 1NO+1NC Snap action Thermal current lth A IEC/EN 60947-5-1 designation A300 0300 Rated insulation voltage Ui V Added insulation voltage Uimp KV Short-circuit protection with fuse Class/A Switching speed 10 gG/SC QUICK FUSE Switching speed min max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ<<10 Mechanical features Ucoking bayonet insert 10.34 Operating torque N 6 Ib 1.34 10 Tightening torque (Max) Switch fixing Nm 0.8 Eody lid screw fixing Nm 0.8 10 Body lid screw fixing Nm 0.8 10 Ibin 7 10 10 Conductor section Nm 0.8 10 I			Housing		Aluminium-zinc alloy
Type of contact INO-11NC Snap action Action Thermal current lth A 10 IEC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Uim V 440 Rated insulation voltage Uim V 440 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed 0 5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10 Mechanical features 0 Operating head fixing 0 Locking bayonet insert 0 Operating torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Conductor section AWG/Kcmil Nm 16 max 14 IEC min mm² 1072			Roller		•
Type of contact action Thermal current lth A 10 EC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 Rated insulation voltage Uip KV 4 Short-circuit protection with fuse Class/A 0 gG/SC Switching speed min m/s 1.5 EC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Contact characteristic	S			
IEC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 Rated inpulse withstand voltage Uimp kV 4 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 Mechanical features Operating head fixing Locking bayonet insert Operating torque (Max) 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 16 max 14 IEC min mm ² 107 2	Type of contact				
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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) mΩ <10				V	440
Short-Circuit protection with fuse 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	Rated impulse withsta	nd voltage Uimp		kV	
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	Short-circuit protectior	n with fuse		Class/A	
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 Mechanical features Locking bayonet insert Operating head fixing Locking bayonet insert Operating torque N 6 Ibit 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Ibin 7 Conductor section AWG/Kcmil min 16 IEC min<			max	m/s	1.5
Mechanical features Locking bayonet insert Operating head fixing Locking bayonet insert Operating torque N 6 Tightening torque (Max) Switch fixing Nm 2.5 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 16 max 14 IEC min min min 16	IEC Conventional free	air thermal current Ith		А	
Operating head fixing Locking bayonet insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Switch fixing Nm 2.5 Contact terminals Nm 0.8 Body lid screw fixing Nm 0.8 Ibin 7 7 Conductor section AWG/Kcmil min 16 IEC min 14	· · ·	average value)		mΩ	<10
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Ib 1.34 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 Nm 16 14 IEC min 16 14	Operating torque				
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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 Nm 16 IEC min mm 14 IEC min mm 10r 2				lb	1.34
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Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil 16 min 16 IEC min 14					
Nm 0.8 Body lid screw fixing 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil 7 AWG/Kcmil 16 IEC 14				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					
AWG/Kcmil min 16 max 14 IEC min mm ² 1 or 2	Conductor contion			nidi	1
min 16 max 14 IEC min mm ² 1 or 2	Conductor Section				
IEC min mm ² 1 or 2			min		16
IEC min mm ² 1 or 2					
min mm² 1or 2		IEC	Παλ		1-7
			min	mm²	1or 2
			max	mm²	2.5



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				Self-releasing
Cable connection				screw terminal
Cable entry				M20 on the
				bottom
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 & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				



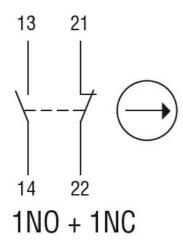
Wiring diagrams

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Snap action



Certifications and	l 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	on de la constant de	
		EC000030 - End

ETIM 8.0

EC000030 - End switch