electric ENERGY AND AUTOMATION

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



KMC1S11

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

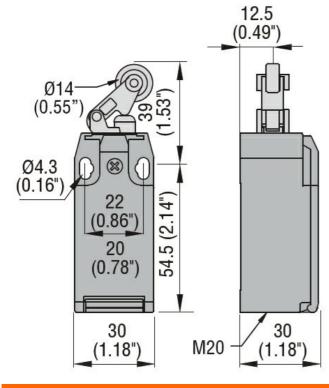
Roller Plastic Contact INO+1NC Snap action Type of contact A 10 IEC/EN 60947-5-1 designation A300 Q300 A3300 Q300 Rated insulation voltage Ui V 440 Rated insulation voltage Uimp KV 4 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 EC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10 Mcchanical features Uckring bayonet insert Operating head fixing Locking bayonet insert Uckring bayonet insert Uckring bayonet insert Operating torque N 6 1b 1.34 Tightening torque (Max) Switch fixing Nm 0.8 Modulator section Nm 0.8 1bin Ibin 7 Conductor section Nm 0.8 Ibin 7 Conductor section Nm	Matorial		Housing		Aluminium-zinc alloy
Type of contact 1NO+1NC Snap action Thermal current lth A 10 IEC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 Rated insulation 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) mQ <10			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 10 gG/SC OUICK 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	Contact characteristics	;			
IEC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 Rated impulse 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 Conductor section AWG/Kcmil Nm 16 max 14 IEC min mm² 1or 2	Type of contact				
Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp KV 4 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 mix m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Thermal current Ith			А	10
Rated impulse 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) mQ <10	IEC/EN 60947-5-1 des	signation			A300 Q300
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min max m/s 0.5 max IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Rated insulation voltag	e Ui		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 withstar	nd voltage Uimp		kV	4
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 protection	with fuse		Class/A	
max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10	Switching speed				
IEC Conventional free air thermal current lith A 10 Resistance per pole (average value) mΩ <10			min	m/s	0.5
Resistance per pole (average value) mΩ <10			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 Bibin 22.1 Dotate terminals Nm 0.8 Body lid screw fixing Nm 0.8 1bin 7 Conductor section AWG/Kcmil min 16 14 IEC min 16 max 14	IEC Conventional free	air thermal current Ith		А	10
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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 Min 16 max 14 IEC min mm² 1 or 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					
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Conductor section AWG/Kcmil min 16 max 14 IEC min mmm²					
AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2	Conductor contian			nidi	1
min 16 max 14 IEC min mm ² 1or 2	Conductor section				
IEC min mm ² 1or 2		AWG/Remin	min		16
IEC min mm ² 1or 2					
min mm ² 1or 2		IFC	Шах		
			min	mm²	1or 2



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Cable connection			Self-releasing 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 & Protection			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3

Dimensions



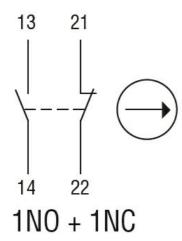
Wiring diagrams

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Snap action



Certifications and o	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

EC000030 - End switch

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