ENERGY AND AUTOMATION K SERIES, SLOTTED LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO+1NC SLOW ACTION



Product type designation KMQ General characteristics Aluminium-zinc allow Contact characteristics NO+1NC Slow action Contact characteristics 2NO+1NC Slow action Type of contact Aluminium-zinc allow Thermal current lth A 10 EC/EN 60947-5-1 designation A 10 Rated insulation voltage Ui V 440 Rated insulation voltage Uinp 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 10 gG/SC QUICK FUSE Switching speed min m/s 1.0 Resistance per pole (average value) mΩ <10 OperationS gG/SC 100000 B10d cycles 100000 Mechanical life cycles 100000 Mechanical life cycles 100000 Mechanical life cycles 100000 Operating head fixing Locking bayonet insert					
General characteristics Atuminium-zinc alloy Housing Material Atuminium-zinc alloy Contact characteristics 2NO+1NC Slow action Type of contact A 10 Thermal current lth A 10 EIC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 Rated insulation voltage Uinp kV 4 Short-circuit protection with fuse Class/A Switching speed min max m/s Mechanical life cycles Operations cycles Mechanical life cycles Operation 43600 Operations cycles Mechanical life cycles Operating head fixing Locking bayonet insert Operating torque Nm Operating torque (Max) Switch fixing Tightening torque (Max) Switch fixing Mody lid screw fixing Nm Operating torque (Max) Nm AWG/Kcmil Nm	Product designation				Slotted lever
General characteristics Aluminium-zinc alloy Contact characteristics 2NO+1NC Slow action Type of contact 2NO+1NC Slow action Thermal current lth A EC/CIN 609/75-1 designation A 300 0300 Rated insulation voltage Ui V Short-circuit protection with fuse Class/A Switching speed min max m/s Desistance per pole (average value) mQ Operation cycles Mechanical life cycles Operation cycles Mechanical life cycles Operations cycles Mechanical life cycles Operations cycles Mechanical life cycles Operating head fixing Locking bayonel insert Operating head fixing 15 Contact terminals m Machanical life cycles Operating head fixing 2.5 Dim 2.5 Insert 2.5 Dim 2.5 Insert 0.8 Dim 2.5	Product type designat	ion			KMQ
Housing Material Aluminium-zinc allow Contact characteristics 2NQ+1NC Slow action Thermal current lth A 10 EC/EN 60947-5-1 designation A300 0300 Rated insulation voltage Uin V 440 Rated insulation voltage Uinp KV 4 Short-circuit protection with fuse Class/A 10 gG/SC gUICK FUSE Switching speed min m/s 0.5 EEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10					
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IEC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui Rechanical life Rechanical fixing R	Type of contact				
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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	n with fuse		Class/A	
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Resistance per pole (average value) mΩ <10			max		
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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 Conductor section Nm 16	Operating torque				
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					
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Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16		Contact terminals		Nm	0.9
Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16					
Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16		Body lid screw fixing			
Lbin 7 Conductor section AWG/Kcmil min 16				Nm	0.8
Conductor section AWG/Kcmil min 16					
AWG/Kcmil min 16	Conductor section				
		AWG/Kcmil			
max 14			min		16
			max		14



ENERGY AND AUTOMATION

KMQ1L21 electric LIMIT SWITCH, K SERIES, SLOTTED LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NO+1NC SLOW ACTION

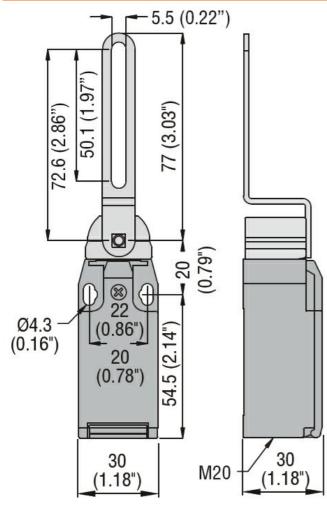
max

°C

+70

	IEC			
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Ambient conditions				
Pollution degree				3
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40





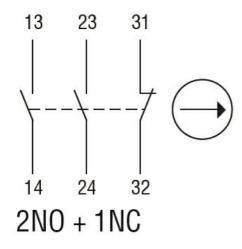
Wiring diagrams

KMQ1L21



ENERGY AND AUTOMATION

Slow 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	n	
		EC000030 - End

ETIM 8.0

switch