KMC2A11



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



Product designation		Roller centre push lever
Product type designation		KMC
General characteristics		
Material		
	Housing	Aluminium-zinc allov

Roller Metal Contact INO+1NC Slow action make before break Thermal current lth A 10 IEC/EN 60947-5-1 designation A300 0300 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 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10 Mechanical features Locking bayonet insert 1.5 Operating head fixing Locking bayonet insert 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Body lid screw fixing Nm 0.8 1bin Ibin 7 Conductor section Nm 0.8 Ibin 7 Conductor section Ibin 7 Conductor section Ibin 7 Conductor section Ibin 16 max 14			riodoling		alloy
Type of contact Type of contact Type of contact Thermal current lh A I0 IEC/EN 609477-5-1 designation A300 Q300 IEC/EN 609477-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp KV 4 Short-circuit protection with fuse Class/A I0 gG/SC QUICK FUSE Switching speed I I IC Conventional free air thermal current lth A I0 Resistance per pole (average value) M A I I Resistance per pole (average value) N A I I I I I I I I I I I I I I I I I I			Roller		Metal
Type of contact action make before break before break 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 Mechanical features min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Contact characteristic	3			
Thermal current lth A 10 Thermal current lth A 10 EC/EN 60947-5-1 designation A300 Q300 Rated insulation voltage Ui V 440 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 15 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10					1NO+1NC Slow
Thermal current lth A 10 IEC/EN 60947-5-1 designation A300 Q300 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 15 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) Mechanical features mΩ <10	Type of contact				action make
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 7 Contact terminals Nm 0.8 Ibin 7 Conductor section AWG/Kcmil Nm 16 MWG/Kcmil Nm 16 max 14 IEC min mm² 1or 2					before break
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	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) mΩ <10	IEC/EN 60947-5-1 de	signation			A300 Q300
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	Rated insulation voltage	je Ui		V	440
Short-chickling speed min m/s 0.5 min mix 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	4
Switching speed min m/s 0.5 max IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Short-circuit protectior	n with fuse		Class/A	
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	Switching speed				QUICITI UCL
max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10	Ownering speed		min	m/s	0.5
IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mΩ <10					
Resistance per pole (average value) mΩ <10	IEC Conventional free	air thermal current Ith	Шал		
Mechanical features Locking bayonet insert Operating head fixing N 6 Operating torque N 6 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 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 16 max 10 2					
Operating head fixing Locking bayonet insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 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 14 IEC min mm 10 2				11152	
Operating near insert insert Operating torque N 6 Ib 1.34 Tightening torque (Max) Switch fixing Nm 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 0.8 IEC min 16 min mm 10 2	Mechanical leatures				Locking bayonet
N 6 Ib 1.34 Tightening torque (Max) Switch fixing 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 0.8 AWG/Kcmil min 16 max 14 IEC min mm 10r 2	Operating head fixing				
Ib 1.34 Tightening torque (Max) Switch fixing Nm 2.5 bin 22.1 Dimensional Stress 2.5 Contact terminals Nm 0.8 Body lid screw fixing Nm 0.8 Conductor section Nm 0.8 AWG/Kcmil min 16 IEC min 14	Operating torque				
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 AWG/Kcmil Inin 16 IEC min mm 14				Ν	6
Switch fixing 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 0.8 AWG/Kcmil min 16 IEC min 14 IEC min mm				lb	1.34
Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7 Conductor section Nm 0.8 AWG/Kcmil min 7 IEC min 16 min mm² 10r 2	Tightening torque (Max	x)			
Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil min 16 IEC min 14 IEC min mm² 1 or 2		Switch fixing			
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil nin AWG/Kcmil 16 IEC nin 14				Nm	2.5
Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil nin 16 max 14 IEC nin mm² min nm² 10r 2				lbin	22.1
Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section AWG/Kcmil Ibin AWG/Kcmil min 16 IEC min 14		Contact terminals			
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Nm 0.8 Ibin 7 Conductor section AWG/Kcmil				lbin	7
Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mn²		Body lid screw fixing			
Conductor section AWG/Kcmil min 16				Nm	0.8
AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2				lbin	7
min 16 max 14 IEC min mm ² 1or 2	Conductor section				
min 16 max 14 IEC min mm ² 1or 2		AWG/Kcmil			
IEC min mm² 1or 2			min		16
min mm ² 1or 2					
		IEC			
max mm² 2.5			min	mm²	1or 2
			max	mm²	2.5

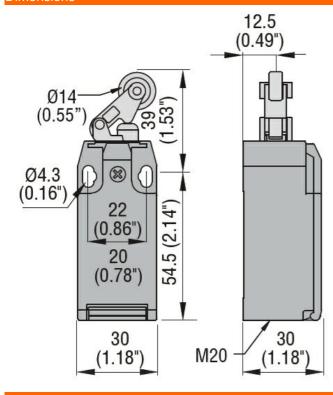
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Cable 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 & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				



Wiring diagrams

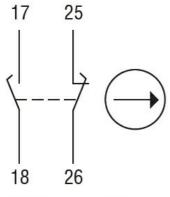
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Slow action



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		
	CCC	
	cULus	
	EAC	
ETIM classification	1	
ETIM 8.0		EC000030 - End