

LIMIT SWITCH, K SERIES, WOBBLE STICK, OMNIDIRECTIONAL, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. FLEXIBLE ROD



Product designation	Wobble stick, omnidirectional
Product type designation	KCM
General characteristics	
Material	

Rod Flexible Contact characteristics 2NC Slow action Type of contact 2NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A 6800 0600 Rated insulation voltage Uimp V 680 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp kV 6 Insulation class II 10 gG/SC QUICK FUSE 10 gG/SC QUICK FUSE 200 GG/SC QUICK FUSE Switching speed min m/s 0.5 200 GG/SC QUICK FUSE Switching speed min m/s 1.5 10 IEC Conventional free air thermal current lth A 10 10 Mechanical features mon xm/s 1.5 Operating head fixing mon 1.1 1.42 Operating torque Ncm 1.42 1.142 Tightening torque (Max) Switch fixing Nm 2.5 1.142 Operating torque (Max) Ibin 7 2.5 1.161 7 Econtact terminals<			Housing		Polymer thermoplastic
Contact characteristics 2NC Slow action Type of contact A 10 Thermal current th A 10 EC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Ui V 690 Rated inpulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 0.5 max m/s 1.5 1.5 IEC Conventional free air thermal current th A 10 0 Resistance per pole (average value) mΩ <10			Rod		-
Type of contact 2NC Slow action Thermal current th A 10 IEC/EN 60947-5-1 designation A600 0600 Rated insulation voltage Ui V 690 Rated insulation voltage Ui V 690 Insulation voltage Ui V 690 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10	Contact characteristic	S			
Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q600 Rated insulation voltage Ui V 690 Rated insulation voltage Uimp KV 6 Insulation class II I Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10					2NC Slow action
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC. QUICK FUSE Switching speed min m/s 0.5 mix m/s 1.5 1.5 IEC Conventional free air thermal current lth A 10 Restance per pole (average value) mΩ <10				А	10
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II 10 gG/SC. QUICK FUSE Switching speed min m/s 0.5 mix m/s 1.5 1.5 IEC Conventional free air thermal current lth A 10 Restance per pole (average value) mΩ <10	IEC/EN 60947-5-1 de	signation			A600 Q600
Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed No.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) MC <10 Mechanical features Operating head fixing Coperating head fixing Coperating head fixing Coperating torque 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 AWG/Kcmil Min 16 max 14 IEC min mm ² 10r 2		-		V	690
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	Rated impulse withsta	ind voltage Uimp		kV	6
Shint-Circuit protection with ruse 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) mQ <10 Mechanical features Operating head fixing Operating torque Operating torque Ncm 1 ozin 1.42 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 AWG/Kcmil Min 16 max 14 IEC min mm² 1 or 2	Insulation class				11
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	
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			max	m/s	1.5
Mechanical features Locking bayonet insert Operating head fixing Locking bayonet insert Operating torque Ncm 1 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 Ibin 7 Conductor section AWG/Kcmil min 16 IEC min min 14	IEC Conventional free	air thermal current Ith		А	10
Operating head fixing Locking bayonet insert Operating torque Ncm 1 Tightening torque (Max) Ncm 1.42 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 IEC min 16 min 14	Resistance per pole (a	average value)		mΩ	<10
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Image: state of the stress of the s	Operating torque				
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 AWG/Kcmil Nm 16 IEC min 14 IEC min mm 1 or 2				Ncm	1
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 10r 2				ozin	1.42
Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section NMG/Kcmil 16 min 16 14 IEC min mm 10r 2	Tightening torque (Ma				
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 7 IEC min 16 min 14 IEC min mm²		Switch fixing			
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section Nm 0.8 AWG/Kcmil 16 min 14 IEC min mm² min mm² 1 or 2					
Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7 Conductor section NMG/Kcmil 7 AWG/Kcmil 16 IEC 14 IEC 10 r 2				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 ibin AWG/Kcmil min 16 IEC min 14 IEC min mm²					
Nm 0.8 Ibin 7 Conductor section AWG/Kcmil		<u> </u>		Ibin	1
Ibin 7 Conductor section AWG/Kcmil min 16 max 14 IEC min mm²		Body lid screw fixing		N	
Conductor section AWG/Kcmil min 16 max 14 IEC min mmm² min mm² 10 r 2					
AWG/Kcmil min 16 max 14 IEC min mm ² 1or 2	Conductor contion			nidi	1
min 16 max 14 IEC min mm ² 1or 2	Conductor Section	ANAC/Komil			
IEC min mm² 1or 2			min		16
IEC min mm ² 1or 2					
min mm ² 1or 2		IFC	Παλ		17
			min	mm²	1or 2
			max	mm²	2.5

KCM1L02



KCM1L02 LIMIT SWITCH, K SERIES, WOBBLE STICK, OMNIDIRECTIONAL, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION. FLEXIBLE ROD

		FLEXIBLE ROD
		Self-releasing screw terminal
		M20 on the sides
	cycles	<1000000
min	°C	-25
max	°C	+70
min	°C	-40
max	°C	+70
Terminals		IP20
Body housing		IP65
		3
	max min max Terminals	max °C min °C max °C Terminals

Wiring diagrams

60 (2.36")

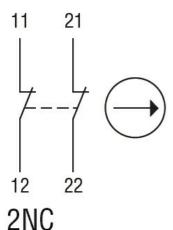
KCM1L02

(1.18"



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Slow action



Certifications and compliance Compliance CSA C22.2 n° 14 EN 50047 EN 50047 IEC/EN 60204-1 IEC/EN 60947-1 IEC/EN 60947-5-1 UL508 Certificates CCC cULus EAC ETIM classification ED000000 E to 1

ETIM 8.0

EC000030 - End switch

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