KBM2L21



LIMIT SWITCH, K SERIES, WOBBLE STICK, OMNIDIRECTIONAL, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO+1NC SLOW ACTION. SEMIRIGID ROD



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

Rod Thermoplastic Rod Semirigid Contact characteristics 2NO+1NC Slow action Type of contact 2NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A 600 Q300 Rated insulation voltage UI V 690 Rated insulation voltage UI V 600 Insulation class II 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 Mechanical features 0 0 Operating head fixing Locking bayonet insert 0 Operating torque Ncm 1 Quert terminals Nm 0.8 Ibin 7 0 Body lid screw fixing Nm 0.8 Ibin 7 0
Contact characteristics 2NO+1NC Slow action Type of contact 2NO+1NC Slow action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q300 Rated insulation voltage Ui V 690 Rated inpulse withstand voltage Uimp kV 6 Insulation class II 0gG/SC QUICK FUSE Switching speed min m/s 0.5 max m/s 1.5 0.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) mQ <10
Type of contact action Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 Q300 Rated insulation voltage Ui V 690 Rated insulation class II Short-circuit protection with fuse Class/A 10 gG/SC 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 designation A600 Q300 Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp KV 6 Insulation class II II Short-circuit protection with fuse Class/A 10 gG/SC Switching speed min m/s 0.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mQ <10
Rated impulse withstand voltage Uimp kV 6 Insulation class II 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) mΩ <10
Insulation class II 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
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Mechanical features Locking bayonet insert Operating head fixing Locking bayonet insert Operating torque Ncm 1 Operating torque (Max) 0zin 1.42 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 1 Contact terminals Nm 0.8 Ibin 7 1 Body lid screw fixing Nm 0.8 Ibin 7 1
Operating head fixing Locking bayonet insert Operating torque Ncm 1 Operating torque (Max) 0zin 1.42 Tightening torque (Max) Switch fixing Nm 2.5 Ibin 22.1 1000000000000000000000000000000000000
Operating nead fixing insert Operating torque Ncm 1 Ozin 1.42 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
Ncm 1 ozin 1.42 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
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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
Nm 2.5 Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7
Ibin 22.1 Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7
Contact terminals Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7
Nm 0.8 Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7
Ibin 7 Body lid screw fixing Nm 0.8 Ibin 7
Body lid screw fixing Nm 0.8 Ibin 7
Nm 0.8 Ibin 7
Ibin 7
AWG/Kcmil
min 16 max 14
IEC max 14
min mm ² 1 or 2
max mm ² 2.5

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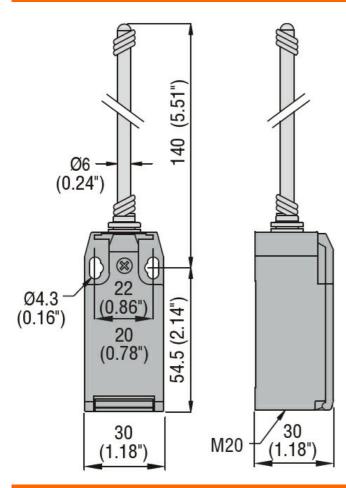
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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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				
O	perating temperature			
		min	°C	-25
		max	°C	+70
St	orage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
P degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions



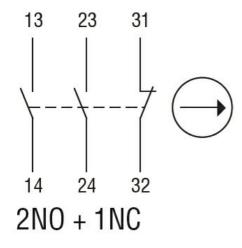
Wiring diagrams

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Slow action



Certifications and co	mpliance	
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		
ETIM 8.0		EC000030 - End

switch