

Limit switch, K series, top roller push plunger, 1 bottom cable entry. Dimensions to EN 50047, metal body, contacts 1NO+1NC snap action. Metal roller



Top roller push plunger KMB

KMB2S11

Product designation		
Product type designation		

Product type designation	
General characteristics	
Material	

Contact characteristics INO-1INC Snap action Type of contact 1NO-1INC 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 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ <10 Mechanical features Locking bayonet insert Ibin Operating head fixing Locking bayonet insert Locking bayonet insert Operating torque N 5 Ibin 1.1 Tightening torque (Max) Switch fixing Nm 0.8 Ibin Econductor section Nm 0.8 Ibin 7 Conductor section AWG/Kcmil min 16 max 16	Material		Housing Roller		Aluminium-zinc alloy Metal
Type of contact action Thermal current lth A 10 EC/EN 60947-5-1 designation A300 0300 Rated insulation voltage Ui V 440 Rated insulation voltage Uip KV 4 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 lth A 10 0 Resistance per pole (average value) mΩ <10	Contact characteristic	S			
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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
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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		
Mechanical features Locking bayonet insert Operating head fixing N 5 Operating torque N 5 Tightening torque (Max) Switch fixing Nm 2.5 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 min min 10 f					
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Operating head fixing insert Operating torque N 5 Ib 1.1 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 0.8 IEC min 16 min mm 10r 2	Mechanical features				
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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 section				1
min 16 max 14 IEC min mm ² 1or 2		AW/G/Kcmil			
max 14 IEC min mm² 1 or 2			min		16
IEC min mm ² 1or 2					
min mm ² 1or 2		IEC	max		· ·
			min	mm²	1or 2
			max	mm²	2.5

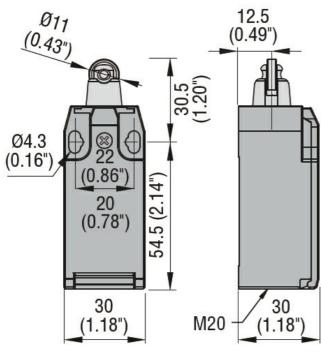


ENERGY AND AUTOMATION

 KMB2S11

 Limit switch, K series, top roller push plunger, 1 bottom cable entry. Dimensions to EN 50047, metal body, contacts 1NO+1NC snap action. Metal roller

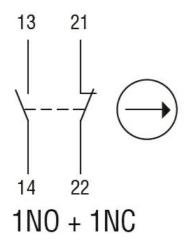
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides
Operations				
Mechanical life			cycles	<1000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				



Wiring diagrams



Snap 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

EC000030 - End switch