



LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 2NC SLOW ACTION. PLASTIC ROLLER



Product designation

Roller side push lever

Product type designation

KMD

General	cha	iracte	rictice
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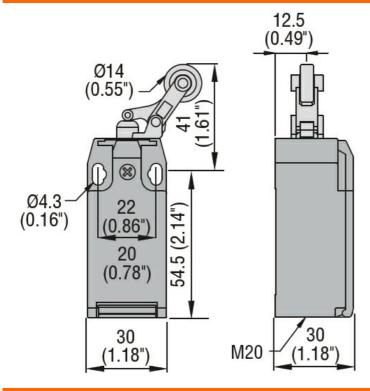
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Flousing Roller Roller	Material				
Roller			Housing		Aluminium-zinc
Contact characteristics Type of contact 1NO+1NC Slo action Thermal current lth A 10 IEC/EN 60947-5-1 designation V 440 Rated insulation voltage Uim KV 4 Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s 0.5 max 1.5 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) max m/s 1.5 Mechanical features Locking bayon insert Operating head fixing Locking bayon insert Operating torque N 6 1.34 Tightening torque (Max) Switch fixing Nm 2.5 1.5 Tightening torque (Max) Nm 2.5 1.5 </th <th></th> <th></th> <th>_</th> <th></th> <th>•</th>			_		•
No+1NC Sloaction	Contact characteristi	00	Roller		ivietai
A 10 10 10 10 10 10 10		CS .			1NO+1NC Slow
EC/EN 60947-5-1 designation Rated insulation voltage Ui V 440	Type of contact				
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 IEC Conventional free air thermal current lth A 10 Resistance per pole (average value) m0 <10	Thermal current Ith			Α	10
Rated impulse withstand voltage Uimp kV 4 0 gG/SC Class/A 0 gG/SC ClCK FUSE Switching speed min m/s 0.5 max m/s 1.5 1		-			
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE		<u> </u>			
Switching speed	Rated impulse withst	and voltage Uimp		kV	
Min m/s	Short-circuit protection	on with fuse		Class/A	
Max m/s 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value)	Switching speed				
IEC Conventional free air thermal current lth Resistance per pole (average value) mΩ <10			min		
Resistance per pole (average value) mΩ <10			max		
Mechanical features Operating head fixing Locking bayon insert Operating torque N 6 1b 1.34 Tightening torque (Max) Nm 2.5 1bin 22.1 Contact terminals Nm 0.8 1bin 7 Body lid screw fixing Nm 0.8 1bin 7 Conductor section AWG/Kcmil IEC min mn 16 max 14 IEC min mm² 1or 2					
Cocking bayon insert		(average value)		mΩ	<10
Insert Insert Operating torque Operating torque N	Mechanical features				
N 6 15 1.34					
Bb 1.34	Operating torque				
Switch fixing Nm 2.5					
Switch fixing Nm 2.5				Ib	1.34
Nm 2.5	Lightening torque (Ma	•			
Ibin 22.1		Switch fixing		N1	0.5
Contact terminals					
Nm 0.8		Contact to was in all		IDIN	22.1
Body lid screw fixing		Contact terminals		Nimo	0.0
Body lid screw fixing					
Nm 0.8		Rody lid corow fixing		IDIII	
Section Conductor section AWG/Kcmil		Body lid Screw lixing		Nm	0.8
AWG/Kcmil min 16 max 14					
AWG/Kcmil min 16 max 14 IEC min mm² 1or 2	Conductor section			10111	·
min 16 max 14 IEC min mm² 1or 2	23.1440.01 000.1011	AWG/Kcmil			
IEC min mm² 1or 2		5,1 6,111	min		16
IEC min mm² 1or 2					
min mm² 1or 2		IEC			
			min	mm²	1or 2
			max	mm²	2.5



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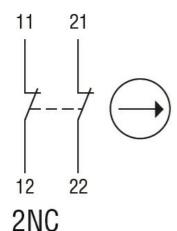
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Operations				
Mechanical life			cycles	<10000000
Mechanical operation			cycles/h	3600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				



Wiring diagrams

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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

ETIM 8.0

EC000030 - End switch