KMD2A11



LIMIT SWITCH, K SERIES, ROLLER SIDE 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 side push lever
Product type designation	KMD
General characteristics	
Material	

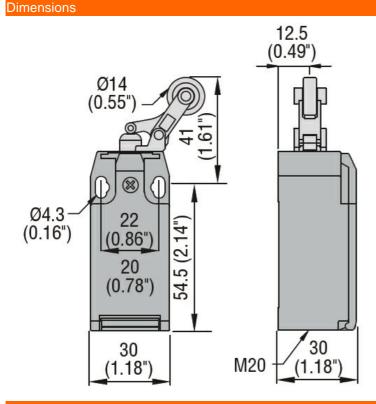
	Housing		Aluminium-zinc alloy
	Roller		Metal
Contact characteristics			
Type of contact			2NC Slow action make before break
Thermal current Ith		А	10
IEC/EN 60947-5-1 designation			A300 Q300
Rated insulation voltage Ui		V	440
Rated impulse withstand voltage Uim		kV	4
Short-circuit protection with fuse		Class/A	10 gG/SC QUICK FUSE
Switching speed			
	min	m/s	0.5
	max	m/s	1.5
IEC Conventional free air thermal cu	nt Ith	А	10
Resistance per pole (average value)		mΩ	<10
Mechanical features			
Operating head fixing			Locking bayonet insert
Operating torque			
		Ν	6
		lb	1.34
Tightening torque (Max)			
Switch fixing			
		Nm	2.5
		lbin	22.1
Contact term	als		
		Nm	0.8
		lbin	7
Body lid scre	fixing		
		Nm	0.8
		lbin	7
Conductor section			
AWG/Kcmil			
	min		16
	max		14
IEC			
	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	9		
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3



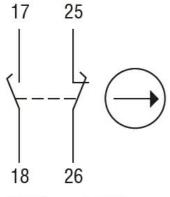
Wiring diagrams

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Slow action



1NO + 1NC make before break

Certifications and com	pliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	<u>CCC</u>	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch

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