

LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SNAP ACTION. METAL ROLLER



Product designation

Roller side push lever

Product type designation

KBD

General characteristics

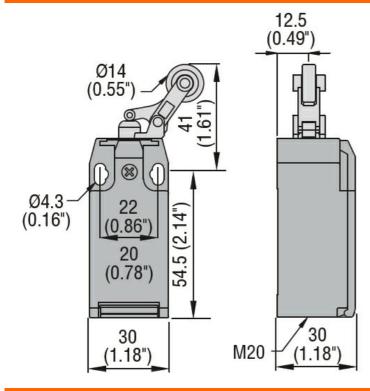
Material				
		Housing		Polymer
		_		thermoplastic
		Roller		Metal
Contact characteristics				
Type of contact				3NC Snap action
Thermal current Ith			Α	10
IEC/EN 60947-5-1 designation				A600 Q300
Rated insulation voltage Ui			V	690
Rated impulse withstand voltage Uimp			kV	6
Insulation class				11
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		Α	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	κ)			
	Switch fixing			
			Nm	2.5
			lbin	22.1
	Contact terminals			
			Nm	0.8
			lbin	7
	Body lid screw fixing			
			Nm	0.8
			lbin	7
Conductor section				
	AWG/Kcmil			
		min		16
		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5



ENERGY AND AUTOMATION

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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				

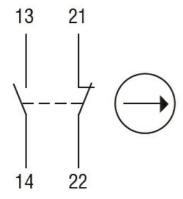


Wiring diagrams



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Snap action



1NO + 1NC

Certifications and compliance

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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