ENERGY AND AUTOMATION

LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NO SLOW ACTION. METAL ROLLER



KBD2L20

Product designation	Roller side push lever
Product type designation	KBD
General characteristics	
Material	

	Housing	Polymer thermoplastic
	Roller	Plastic
Contact characteristics		
Type of contact		2NO+1NC Slow action
Thermal current Ith	A	10
IEC/EN 60947-5-1 designation		A600 Q600
Rated insulation voltage Ui	V	690
Rated impulse withstand voltage Uimp	kV	6
Insulation class		
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	A	10
Resistance per pole (average value)	mΩ	<10
Mechanical features		
Operating head fixing		Locking bayonet insert
Operating torque		
	N	6
	lb	1.34
Tightening torque (Max)		
Switch fixing		
	Nm	2.5
	lbin	22.1
Contact terminals	No	
	Nm	0.8
Pody lid perow fiving	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

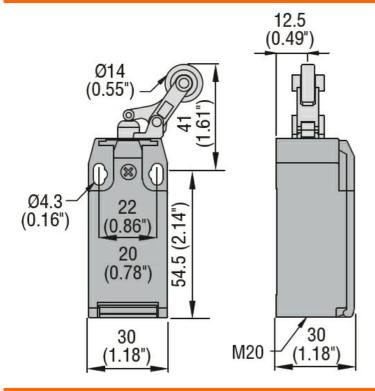
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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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			
	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
Dimensions			



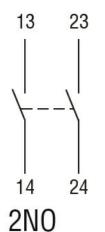
Wiring diagrams



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Slow action



Certifications and cor	npliance	
Compliance		
	CSA C22.2 n° 14	
	EN 50047	
	IEC/EN 60204-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL508	
Certificates		
	000	
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC000030 - End switch