## ENERGY AND AUTOMATION

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



KBD2L11

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

indional		Housing		Polymer thermoplastic
		Roller		Plastic
Contact characteristics	3			
Type of contact				1NO+2NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 des	signation			A600 Q300
Rated insulation voltag	le Ui		V	690
Rated impulse withsta	nd 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			A	10
Resistance per pole (a	iverage 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
	<u></u>		lbin	22.1
	Contact terminals		N	
			Nm	0.8
	Deskylideener fining		lbin	7
	Body lid screw fixing		Nim	0.0
			Nm	0.8 7
Conductor contion			lbin	1
Conductor section	AWG/Kcmil			
		min		16
		max		14
	IEC	Тах		. <b>.</b>
		min	mm²	1or 2
			2	

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

mm²

max

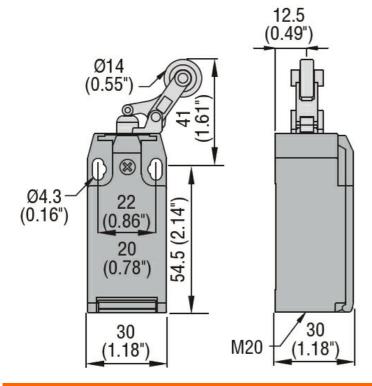
2.5



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

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 temper	ture		
	min	°C	-25
	max	°C	+70
Storage temperat	re		
	min	°C	-40
	max	°C	+70
Resistance & Protection			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3

Dimensions



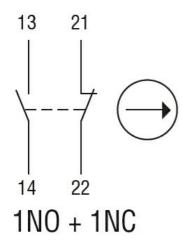
Wiring diagrams

KBD2L11



**KBD2L11** LIMIT SWITCH, K SERIES, ROLLER SIDE PUSH LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION. METAL ROLLER

## 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		

KBD2L11

switch