ENERGY AND AUTOMATION

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



KBE2S11

Product designation	Roller lever plunger
Product type designation	KBE
General characteristics	
Material	

		Housing		Polymer thermoplastic
Contact characteristics		Roller		Metal
Type of contact				1NO+1NC Snap action
Thermal current Ith			А	10
IEC/EN 60947-5-1 designa	tion			A600 Q600
Rated insulation voltage Ui			V	690
Rated impulse withstand vo	Itage 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 th			A	10
Resistance per pole (average	ge value)		mΩ	<10
Mechanical features				1 11 1
Operating head fixing				Locking bayonet insert
Operating torque				
			Ncm	3
			ozin	4.25
Tightening torque (Max)				
Sw	itch fixing			
			Nm	2.5
			lbin	22.1
Col	ntact terminals		Nm	0.8
			lbin	0.8 7
Bo	dy lid screw fixing			/
			Nm	0.8
			lbin	7
Conductor section				· · · · · · · · · · · · · · · · · · ·
	/G/Kcmil			
		min		16
		max		14
IEC	2			
		min	mm²	1or 2
		max	mm²	2.5

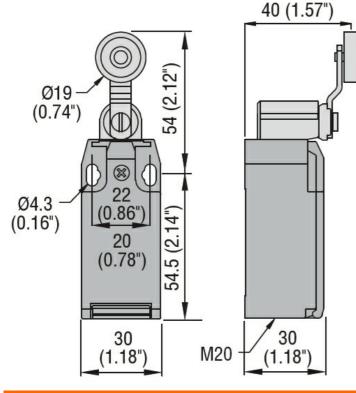
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SNAP 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			·	
Femperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectic	in			
P degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions



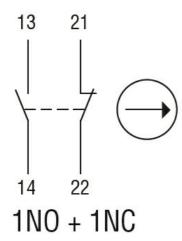
Wiring diagrams

KBE2S11



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

Snap 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		
		EC000030 - End

ETIM 8.0

EC000030 - End switch

KBE2S11