

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



KBC1L11

Product designation	Roller centre push lever
Product type designation	KBC
General characteristics	
Material	

Matonal		Housing		Polymer thermoplastic
		Roller		Plastic
Contact characteristics	3			
Type of contact				1NO+1NC Slow action
Thermal current Ith			А	10
IEC/EN 60947-5-1 des	signation			A600 Q600
Rated insulation voltage	le Ui		V	690
Rated impulse withsta	nd 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			А	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
			lbin	22.1
	Contact terminals			
			Nm	0.8
			lbin	7
	Body lid screw fixing		Nime	0.0
			Nm	0.8
Conductor contian			lbin	7
Conductor section	AWG/Kcmil			
		min		16
		max		14
	IEC	Παλ		
		min	mm²	1or 2
		11111		

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

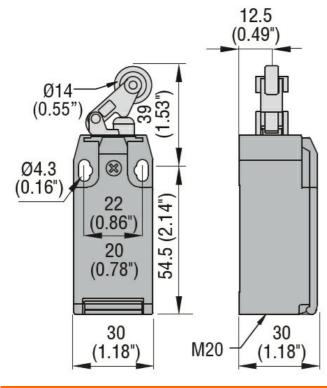


ENERGY AND AUTOMATION

KBC1L11 LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION. PLASTIC 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 t	emperature			
		min	°C	-25
		max	°C	+70
Storage ter	nperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions

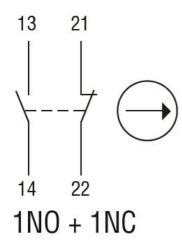


## Wiring diagrams



KBC1L11 LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION. PLASTIC 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

switch