

Material

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



KBC1L12

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

	Housing		Polymer thermoplastic
	Roller		Plastic
Contact characteristics			
Type of contact			1NO+2NC Slow action
Thermal current Ith		А	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		А	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)			
Switch fixing			
		Nm	2.5
		lbin	22.1
Contact terminals			
		Nm	0.8
Da da lid a const fisia a		lbin	7
Body lid screw fixing		Nina	0.0
		Nm	0.8 7
Conductor section		lbin	1
AWG/Kcmil			
	min		16
	max		14
IEC	max		
	min	mm²	1or 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

2.5

mm²

max

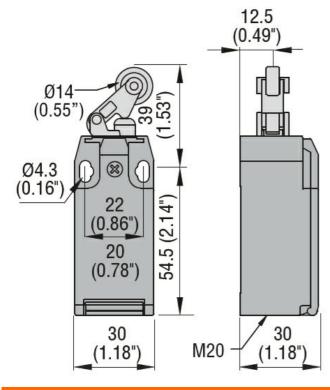


ENERGY AND AUTOMATION

KBC1L12 LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+2NC 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 temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3

Dimensions

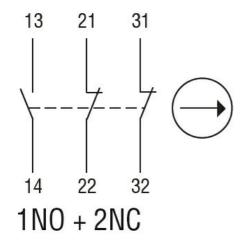


Wiring diagrams



KBC1L12 LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+2NC 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 0.0		EC000030 - End		

ETIM 8.0

switch