

Material

KBE3L12 LIMIT SWITCH, K SERIES, ROLLER LEVER PLUNGER, 1 BOTTOM CABLE ENTRY. electric DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+2NC SLOW ACTION. RUBBER ROLLER



Product designation	Roller lever plunger
Product type designation	KBE
General characteristics	

	Housing		Polymer thermoplastic
	Roller		Rubber
Contact characteristics			
Type of contact			1NO+2NC Slow action
Thermal current Ith		А	10
IEC/EN 60947-5-1 designation			A600 Q600
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		kV	6
Insulation class			П
Short-circuit protection with fuse	Cl	ass/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			
	1	Ncm	3
	(ozin	4.25
Tightening torque (Max)			
Switch fixing			
		Nm	2.5
		lbin	22.1
Contact terminals		N.L	<u>.</u>
		Nm	0.8
Dody lid corow fiving		lbin	7
Body lid screw fixing		Nm	0.8
		lbin	7
Conductor section			1
AWG/Kcmil			
	min		16
	max		14
IEC			
	min r	nm²	1or 2
	max r	nm²	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



ENERGY AND AUTOMATION

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				ROLLE
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	on			
IP degree				
		Terminals		IP20
		Body housing		IP65
Pollution degree				3
Dimensions				
		42 (1.57")		
Ø50x10 (1.97"x0.39")	69.5 (2.73")			

Ø4.3-(0.16")

22 (0.86

20 (0.78")

30

(1.18"

4

.5 (2.1

54.

T

30

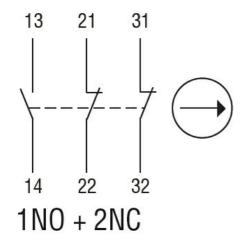
(1.18")

M20



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Slow action



Certifications and	l 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	on	
		EC000030 - End

ETIM 8.0

switch

KBE3L12