ENERGY AND AUTOMATION

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

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Product designation	Roller lever plunger
Product type designation	KBE
On a constant account of a floor	

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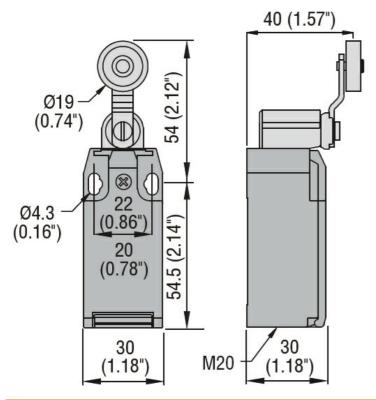
Ma	erial
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Part Part Part Part	Material		Housing		Polymer
Contact characteristics Type of contact 1NO+2NC Slow action Ihermal current Ith A 10 IEC/EN 80947-5-1 designation - A 600 0300 Rated insulation voltage Ui kV 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II II Short-circuit protection with fuse min m/s 0 26/SC QUICK FUSE Switching speed min m/s 0.5 Witching speed max m/s 1.5 IEC Conventional free air thermal current Ith A 10 Resistance per pole (average value) mΩ < 10			_		thermoplastic
Type of contact Thermal current lith	Contact characteristics	5	Ttolioi		1 idollo
EC/EN 60947-5-1 designation	Type of contact				
Rated insulation voltage Ui V 690 Rated impulse withstand voltage Uimp kV 6 Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s m/s 0.5 max m/s 1.5 1.5 IEC Conventional free air thermal current lth A 10 10 mΩ Resistance per pole (average value) mΩ <10	Thermal current Ith			Α	10
Rated impulse withstand voltage Ulimp kV 6 Insulation class II Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE Switching speed min m/s m/s m/s m/s 0.5 max m/s 1.5 IEC Conventional free air thermal current lth A 10 10 Resistance per pole (average value) mΩ 2 <10	IEC/EN 60947-5-1 de	signation			A600 Q300
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE	Rated insulation voltage	ge Ui		V	690
Short-circuit protection with fuse Class/A 10 gG/SC QUICK FUSE	Rated impulse withsta	nd voltage Uimp		kV	6
Switching speed Classified QUICK FUSE Switching speed min max m/s	Insulation class				11
Min m/s	Short-circuit protection	with fuse		Class/A	
EC Conventional free air thermal current Ith	Switching speed				
EC Conventional free air thermal current Ith Resistance per pole (average value) mΩ <10 Mechanical features			min		
Resistance per pole (average value) mΩ <10			max		
Mechanical features Operating head fixing Locking bayonet insert Operating torque Ncm 3 ozin 4.25 Tightening torque (Max) Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7 Conductor section Nm 0.8 lbin 7 Conductor section Nm 0.8 lbin 7 IEC min					
Doperating head fixing Locking bayonet insert Operating torque Ncm 3 ozin 4.25 Tightening torque (Max) Switch fixing Nm 2.5 lbin 22.1 Contact terminals Nm 0.8 lbin 7 Body lid screw fixing Nm 0.8 lbin 7 Conductor section AWG/Kcmil min min 16 max 14 IEC min mm² 1or 2		average value)		mΩ	<10
Operating head lixing Insert	Mechanical features				
Ncm 3	Operating head fixing				
Nm 2.5	Operating torque				
Switch fixing Switch fixing Nm 2.5					
Switch fixing				ozin	4.25
Nm 2.5	Tightening torque (Max				
Din 22.1		Switch fixing			
Contact terminals					
Nm 0.8 lbin 7				lbin	22.1
Body lid screw fixing		Contact terminals			
Body lid screw fixing					
Nm 0.8				lbin	7
Section AWG/Kcmil Min 16 Max 14		Body lid screw fixing			
AWG/Kcmil min 16 max 14					
AWG/Kcmil min 16 max 14 IEC min mm² 1or 2				lbin	7
min 16 max 14 IEC min mm² 1or 2	Conductor section				
max		AWG/Kcmil	_		
IEC min mm² 1or 2					
min mm² 1or 2			max		14
		IEC	_	•	
max mm² 2.5					
			max	mm²	2.5

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Cable connection			Self-releasing
Cable Connection			screw terminal
Cable anter			M20 on the
Cable entry			bottom
Operations			
Mechanical life		cycles	<10000000
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			
IP degree			
	Terminals		IP20
	Body housing		IP65
Pollution degree			3



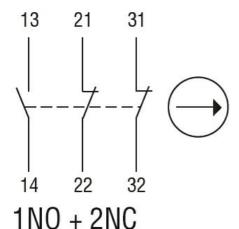
Wiring diagrams

Dimensions

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Slow action



Certifications and compliance

Compliar	nce
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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