**ENERGY AND AUTOMATION** 

# electric LIMIT SWITCH, K SERIES, SLOTTED LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION



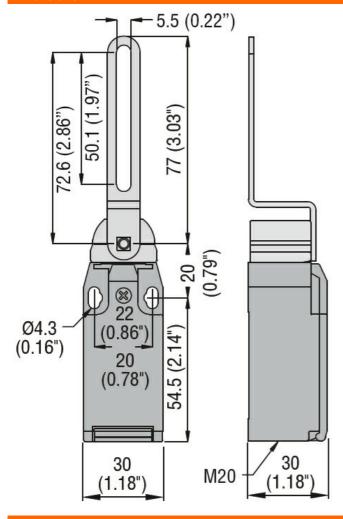
Product designation				Slotted lever
Product type designation	on			KBQ
General characteristics				
General characteristics				
Housing Material				Polymer thermoplastic
Contact characteristics				
Type of contact				2NC Slow action
Thermal current Ith			Α	10
IEC/EN 60947-5-1 des	ignation			A600 Q300
Rated insulation voltage Ui			V	690
Rated impulse withstan	d 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 a	air thermal current Ith		Α	10
Resistance per pole (average value)			mΩ	<10
Operations				
Mechanical life			cycles	100000
B10d			cycles	100000
Mechanical operation			cycles/h	3600
Output characteristics				
Mechanical life			cycles	100000
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			Ncm	15
			ozin	21.2
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
01			lbin	7
Conductor section	AMO II Caratt			
	AWG/Kcmil			4.0
		min		16

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		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the bottom
Ambient conditions				
Pollution degree				3
Temperature				_
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			_
		min	°C	-40
		max	°C	+70

#### **Dimensions**

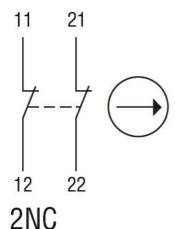


#### Wiring diagrams

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### 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