KCQ1L02

LIMIT SWITCH, K SERIES, SLOTTED LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SLOW ACTION



Product designation			Slotted lever
Product type designation			KCQ
General characteristics			
General characteristics			
Housing Material			Polymer thermoplastic
Contact characteristics			
Type of contact			2NC Slow action
Thermal current Ith		A	10
IEC/EN 60947-5-1 designation			A600 Q600
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	0.5
	max	m/s	1.5
IEC Conventional free air thermal current Ith		A	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
		lbin	7
Conductor section			
AWG/Kcmil			
	min		16

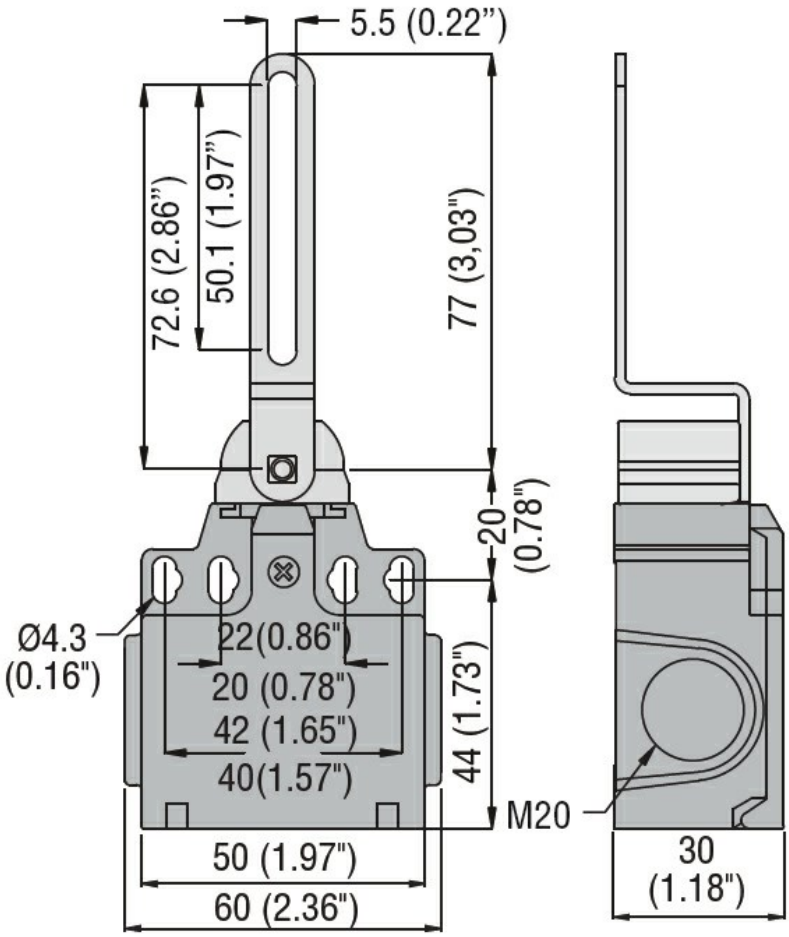
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		max		14
	IEC			
		min	mm²	1or 2
		max	mm²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides

Ambient conditions

Pollution degree				3
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+70

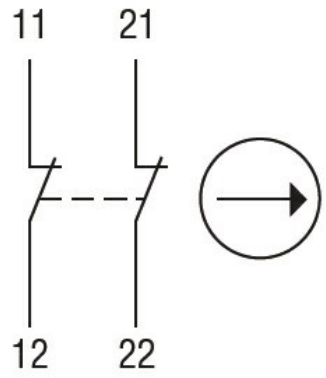
Dimensions



Wiring diagrams

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Slow action



2NC

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

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