KNF4L20

LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, METAL BODY, CONTACTS 2NO SLOW ACTION. RUBBER ROLLER

Product designation			Adjustable roller lever
Product type designation			KNF
General characteristics			
Material			
	Housing		Aluminium-zinc alloy
	Roller		Rubber
Contact characteristics			
Type of contact			2NO Slow action
Thermal current Ith		A	10
IEC/EN 60947-5-1 designation			A300 Q300
Rated insulation voltage Ui		V	440
Rated impulse withstand voltage Uimp		kV	4
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
Mechanical features			
Operating 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		16
	max		14
IEC			
	min	mm²	1or 2
	max	mm²	2.5

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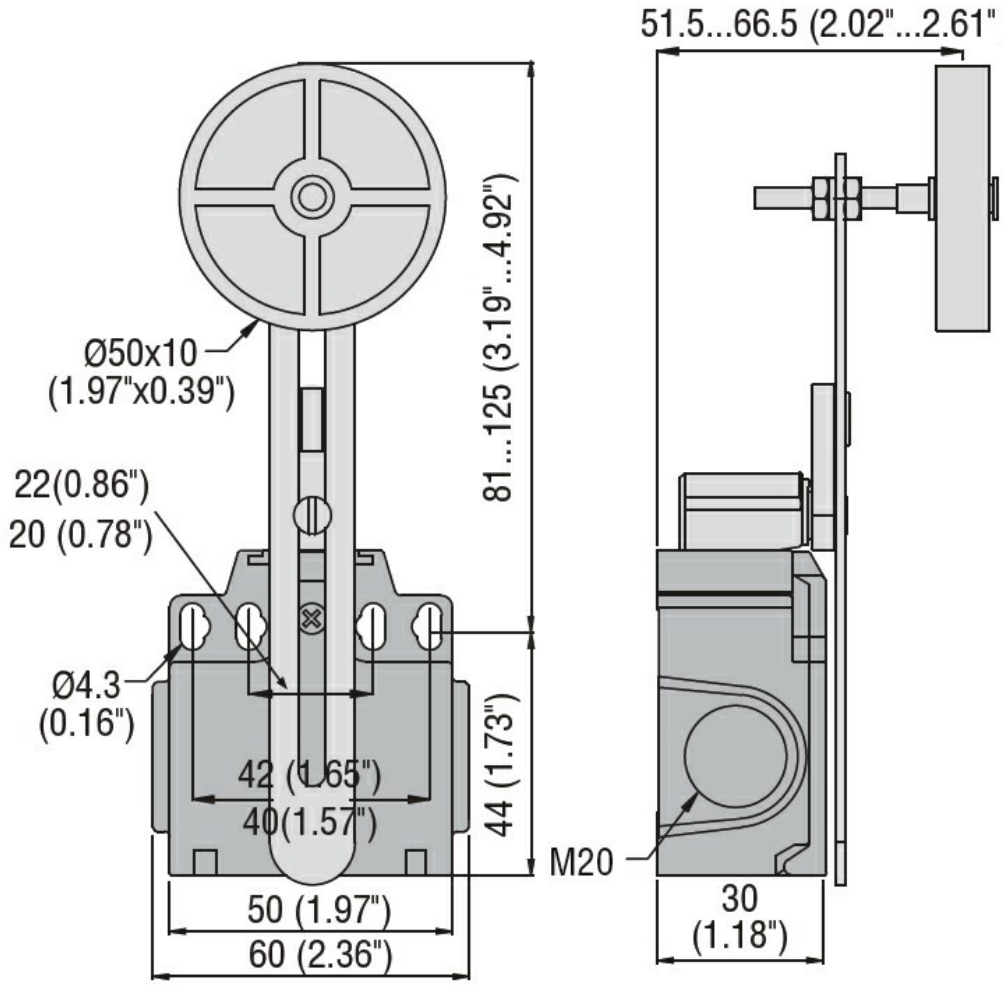
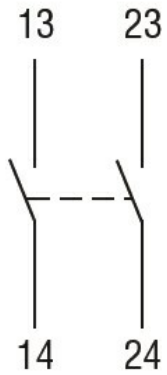
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the sides
Operations			
Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600
Ambient conditions			
Temperature			
	Operating temperature		
		min °C	-25
		max °C	+70
	Storage temperature		
		min °C	-40
		max °C	+70
Resistance & Protection			
IP degree			
		Terminals	IP20
		Body housing	IP65
Pollution degree			3

Dimensions



Wiring diagrams

Slow action



2NO

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