KCD2L20

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



General characteristics				
Material				
		Housing		Polymer thermoplastic
		Roller		Metal
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 ≤ 40°C			A	10
Resistance per pole (average value)			mΩ	<10
Mechanical features				
Operating head fixing				Locking bayonet insert
Operating torque				
			N	6
			lb	1.34
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	1.5
		max	mm²	2.5
Cable connection				Self-releasing screw terminal
Cable entry				M20 on the sides
Operations				

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Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600

Ambient conditions

Temperature

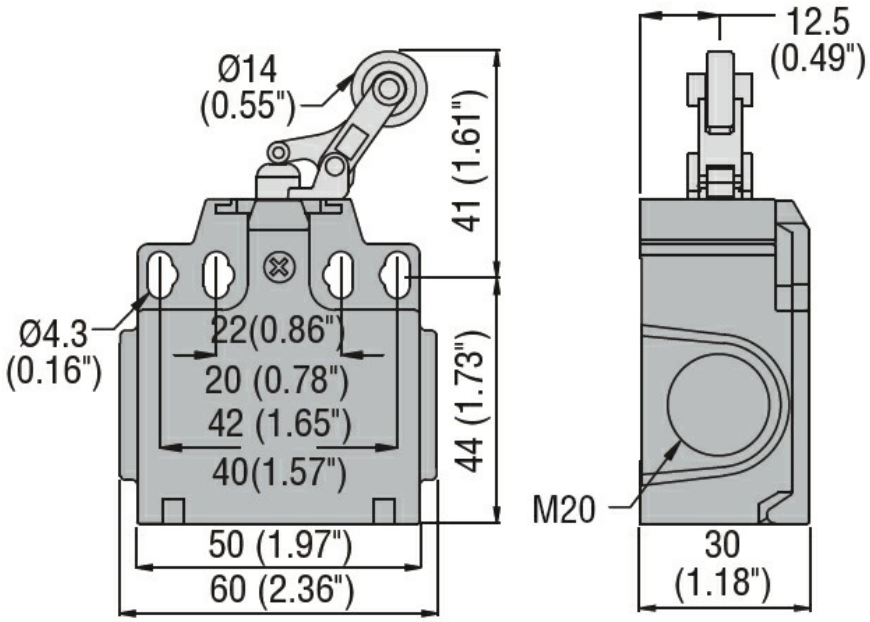
Operating temperature			
	min	°C	-25
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+70

Resistance & Protection

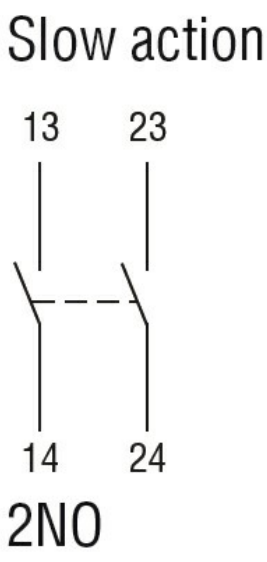
IP degree

Terminals	IP20
Body housing	IP65
Pollution degree	3

Dimensions



Wiring diagrams



Certifications and compliance

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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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