



Limit switches -
Roller lever
plunger
KCE

Product designation

Product type designation

General characteristics

Material

Housing	Self-extinguishing double-insulation polymer thermoplastic
Roller	Plastic

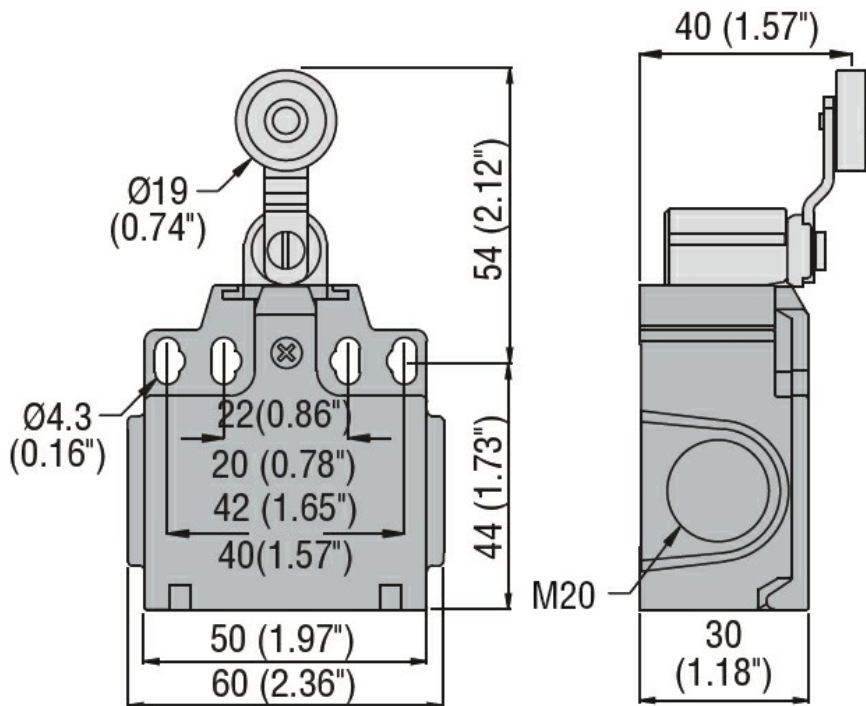
Contact characteristics

Type of contact			2NC Independent
Thermal current I _{th}	A	10	
IEC/EN 60947-5-1 designation			A600 Q300
Rated insulation voltage U _i	V	690	
Rated impulse withstand voltage U _{imp}	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 I _{th}	A	10	
Resistance per pole (average value)	mΩ	<10	

Mechanical features

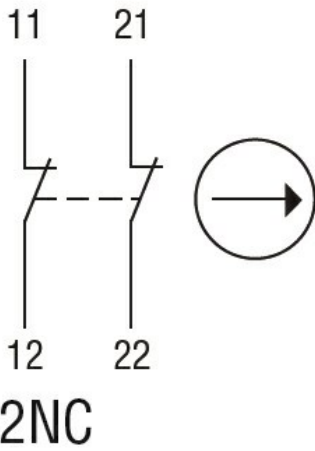
Operating head fixing			Locking bayonet insert
Operating torque	Ncm	3	
	ozin	4.25	
Tightening torque (Max)	Switch fixing	Nm	2.5
		lbin	22.1
Contact terminals	Nm	0.8	
	lbin	7	
Body lid screw fixing	Nm	0.8	
	lbin	7	
Conductor section	AWG/Kcmil	min	16
		max	14
		IEC	

	min	mm ²	1 or 2
	max	mm ²	2.5
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

Snap 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