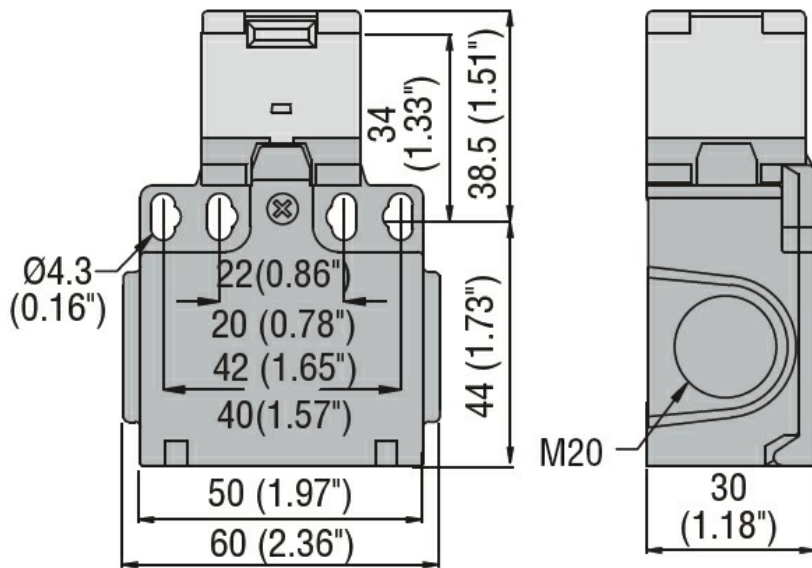




Product designation	Key operated		
Product type designation	KCN		
<b>General characteristics</b>			
<b>General characteristics</b>			
Housing Material	Polymer thermoplastic		
Key shape	Angled		
<b>Contact characteristics</b>			
Type of contact	1NO+1NC Slow action		
Thermal current I <sub>th</sub>	A	10	
IEC/EN 60947-5-1 designation	A600 Q600		
Rated insulation voltage U <sub>i</sub>	V	690	
Rated impulse withstand voltage U <sub>imp</sub>	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 <sub>th</sub>	A	10	
Resistance per pole (average value)	mΩ	<10	
<b>Operations</b>			
Mechanical life	cycles	100000	
B10d	cycles	100000	
Mechanical operation	cycles/h	3600	
<b>Output characteristics</b>			
Mechanical life	cycles	100000	
<b>Mechanical features</b>			
Operating head fixing	Locking bayonet insert		
Operating torque	N	8	
	l <sub>b</sub>	1.8	
Tightening torque (Max)			
Switch fixing	Nm	2.5	
	l <sub>bin</sub>	22.1	
Contact terminals	Nm	0.8	
	l <sub>bin</sub>	7	
Body lid screw fixing	Nm	0.8	
	l <sub>bin</sub>	7	
Conductor section			

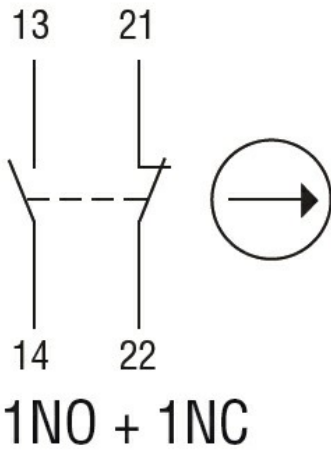
AWG/Kcmil	min	16	
	max	14	
IEC	min	mm <sup>2</sup>	1 or 2
	max	mm <sup>2</sup>	2.5
Cable connection	Self-releasing screw terminal		
Cable entry	M20 on the sides		
Weight	g	107	
<b>Ambient conditions</b>			
Pollution degree	3		
Temperature	Operating temperature		
	min	°C	-25
	max	°C	+70
	Storage temperature		
	min	°C	-40
	max	°C	+70

**Dimensions**



**Wiring diagrams**

## 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