



Top roller push  
plunger  
KCB

Product designation

Product type designation

### General characteristics

Material

Housing  
Roller

Polymer  
thermoplastic  
Metal

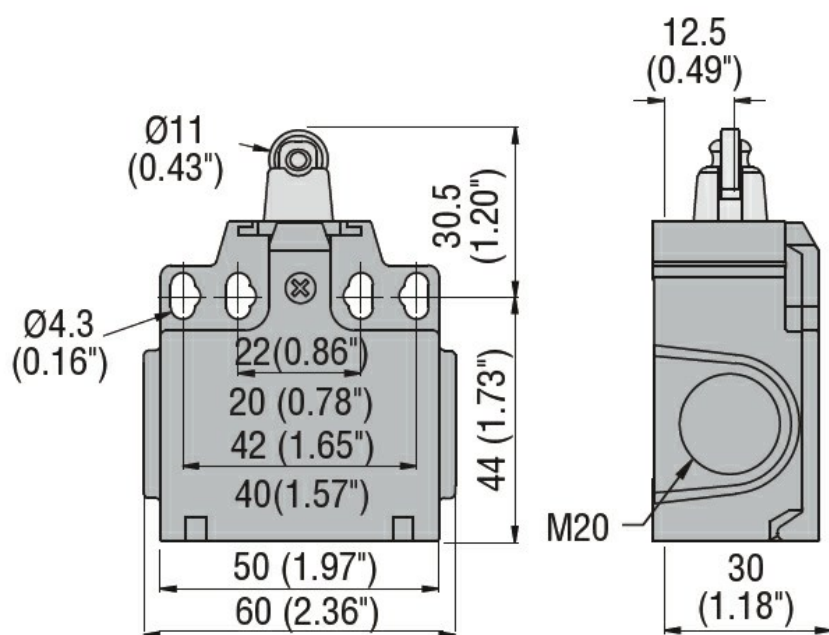
### Contact characteristics

Type of contact		2NC Snap action
Thermal current I <sub>th</sub>	A	10
IEC/EN 60947-5-1 designation		A600 Q300
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 max	m/s 0.5 m/s 1.5
IEC Conventional free air thermal current I <sub>th</sub>	A	10
Resistance per pole (average value)	m?	<10

### Mechanical features

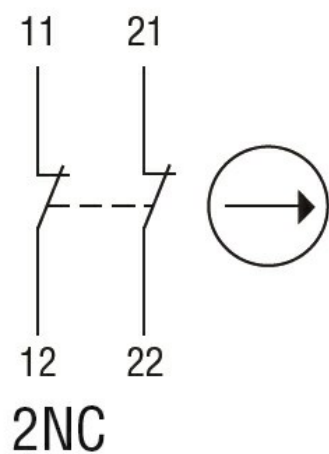
Operating head fixing		Locking bayonet insert
Operating torque	N lb	5 1.1
Tightening torque (Max)		
Switch fixing	Nm lbin	2.5 22.1
Contact terminals	Nm lbin	0.8 7
Body lid screw fixing	Nm lbin	0.8 7
Conductor section		
AWG/Kcmil	min max	16 14
IEC	min max	mm <sup>2</sup> 1or 2 mm <sup>2</sup> 2.5

Cable connection			Self-releasing screw terminal	
Cable entry			M20 on the bottom	
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