



Product designation

Top roller push  
plunger

Product type designation

KBB

### 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)	mΩ	<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

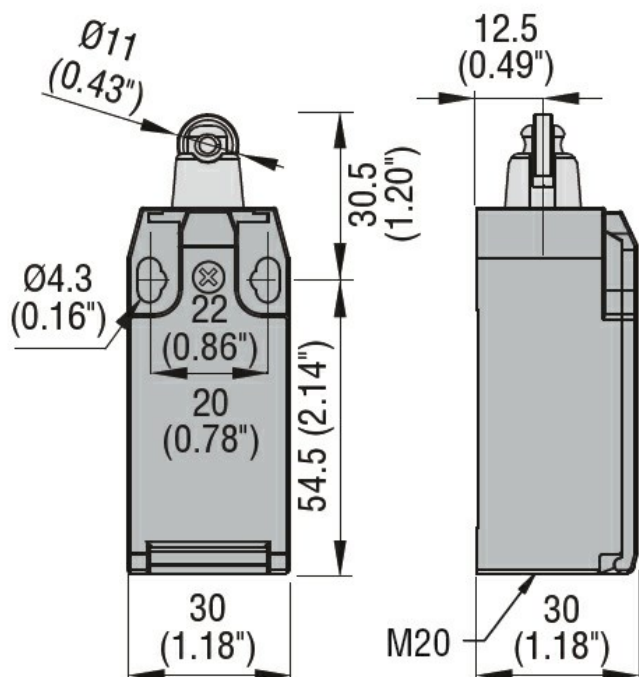
#### Ambient conditions

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

#### Resistance & Protection

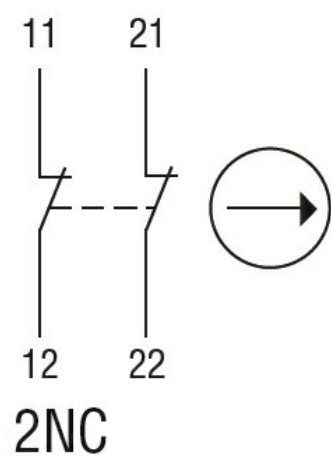
IP degree	Terminals	IP20
	Body housing	IP65
Pollution degree		3

#### 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