



Product designation

Adjustable roller  
lever

Product type designation

KBF

**General characteristics**

Material

Housing  
Roller

Polymer  
thermoplastic  
Rubber

**Contact characteristics**

Type of contact			3NC 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

**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<sup>2</sup> 1or 2  
max mm<sup>2</sup> 2.5

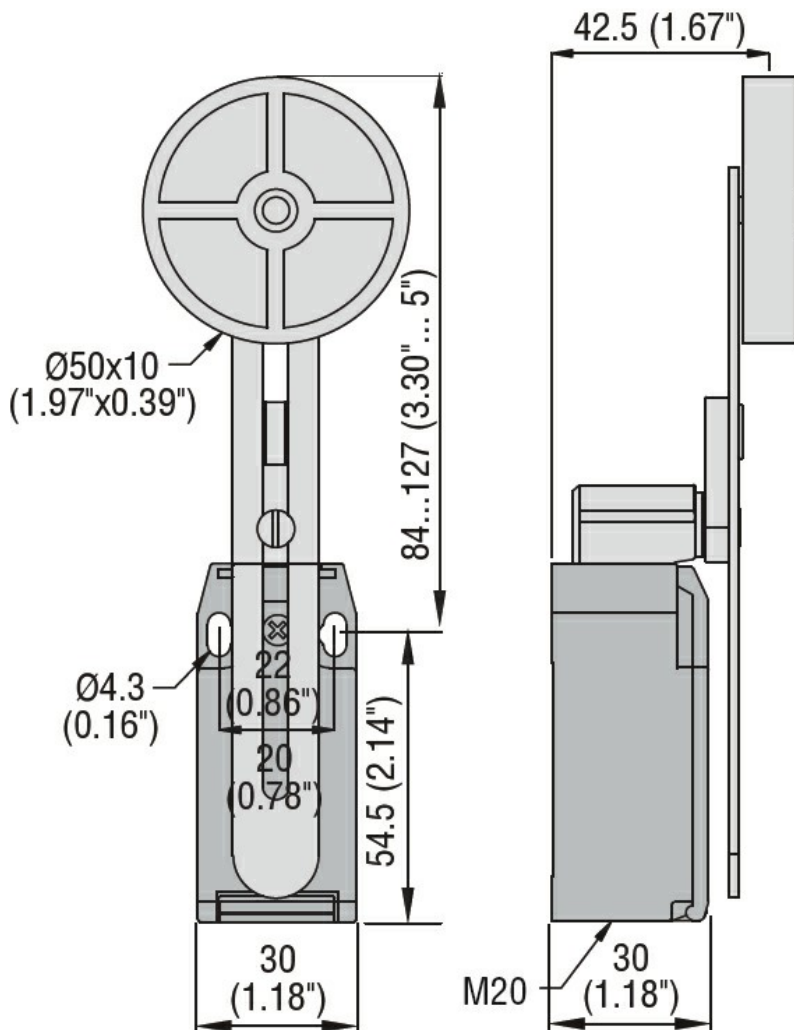
Cable connection	Self-releasing screw terminal
Cable entry	M20 on the bottom

<b>Operations</b>	
Mechanical life	cycles <10000000
Mechanical operation	cycles/h 3600

<b>Ambient conditions</b>	
Temperature	
Operating temperature	
min	°C -25
max	°C +70
Storage temperature	
min	°C -40
max	°C +70

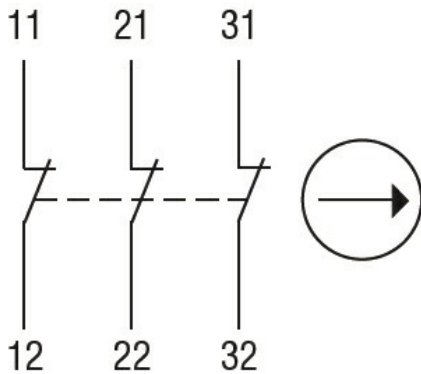
<b>Resistance &amp; Protection</b>	
IP degree	
Terminals	IP20
Body housing	IP65
Pollution degree	3

**Dimensions**



**Wiring diagrams**

## Slow action



## 3NC

### 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