

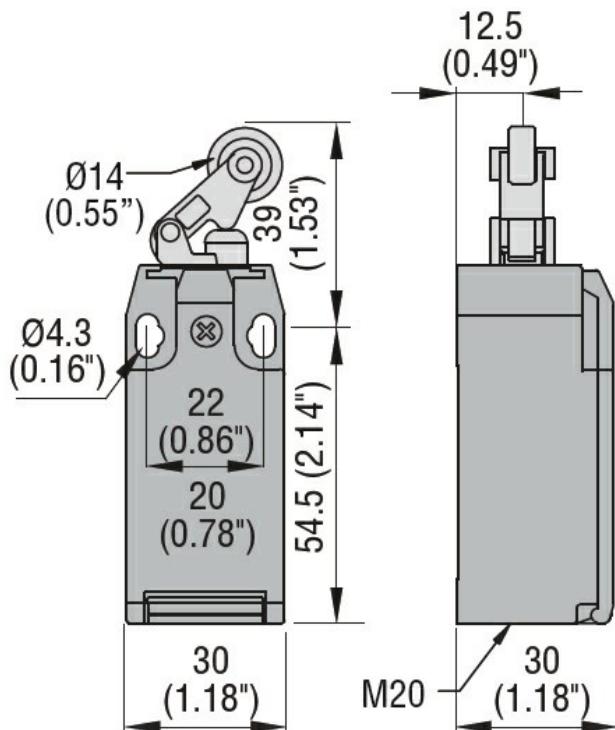
LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 1 BOTTOM CABLE ENTRY.  
DIMENSIONS TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE  
BEFORE BREAK. METAL ROLLER



Product designation	Roller centre push lever				
Product type designation	KBC				
<b>General characteristics</b>					
Material	Housing	Polymer thermoplastic			
	Roller	Metal			
<b>Contact characteristics</b>					
Type of contact	1NO+1NC Slow action make before break				
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)	m?	<10			
<b>Mechanical features</b>					
Operating head fixing	Locking bayonet insert				
Operating torque	N	6			
	lb	1.34			
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>	1 or 2		

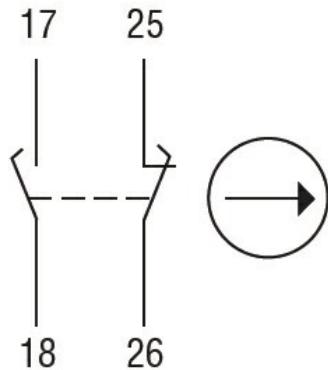
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	max	mm <sup>2</sup>	2.5
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the bottom
<b>Operations</b>			
Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600
<b>Ambient conditions</b>			
Temperature			
Operating 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
<b>Dimensions</b>			



**Wiring diagrams**

## Slow action



**1NO + 1NC**  
make before break

### 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