

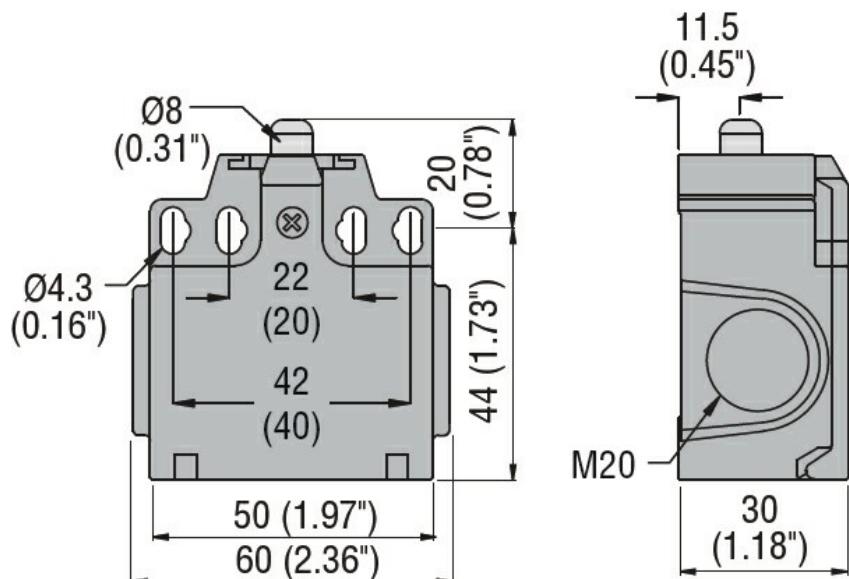
LIMIT SWITCH, K SERIES, TOP PUSH ROD PLUNGER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 1NO+1NC SLOW ACTION MAKE BEFORE BREAK. METAL PLUNGER



Product designation	Top push rod plunger KCA					
Product type designation						
<b>General characteristics</b>						
Material						
	Housing	Polymer thermoplastic				
	Rod	Aluminium-zinc alloy				
<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				
<b>Switching speed</b>						
	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	5				
	lb	1.1				
<b>Tightening torque (Max)</b>						
Switch fixing	Nm	2.5				
	lbin	22.1				
Contact terminals	Nm	0.8				
	lbin	7				
Body lid screw fixing	Nm	0.8				
	lbin	7				
<b>Conductor section</b>						
AWG/Kcmil	min	16				
	max	14				
<b>IEC</b>						

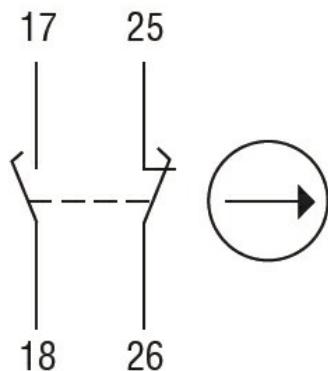
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	min	mm <sup>2</sup>	1 or 2
	max	mm <sup>2</sup>	2.5
Cable connection			Self-releasing screw terminal
Cable entry			M20 on the sides
Operations			
Mechanical life		cycles	<10000000
Mechanical operation		cycles/h	3600
Ambient conditions			
Temperature			
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**

## 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