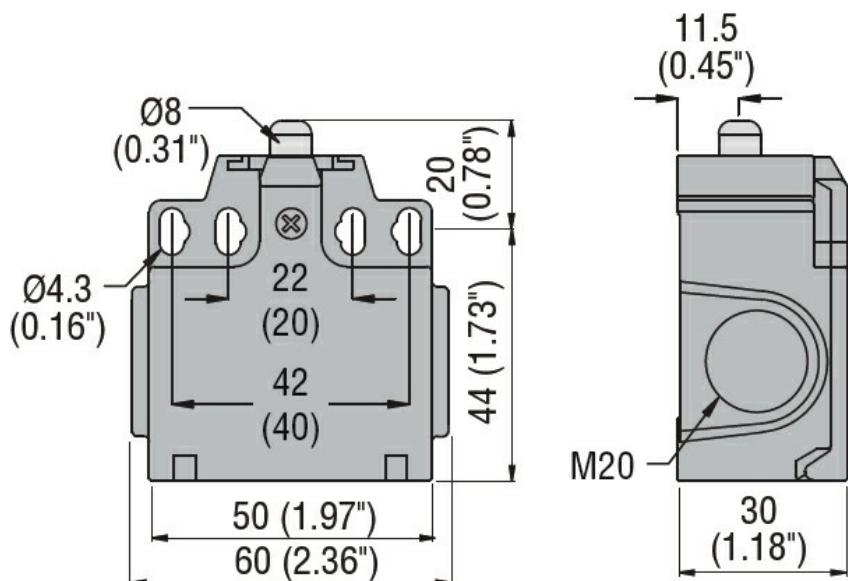




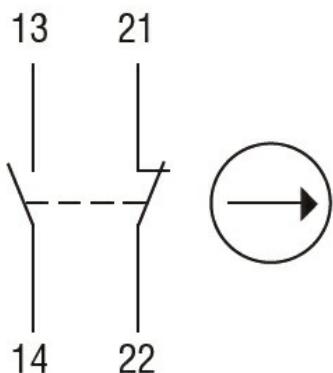
Product designation	Top push rod plunger KCA					
Product type designation	KCA					
General characteristics						
Material						
	Housing	Polymer thermoplastic				
	Rod	Aluminium-zinc alloy				
Contact characteristics						
Type of contact	1NO+1NC Snap action					
Thermal current I_{th}	A	10				
IEC/EN 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				
Mechanical features						
Operating head fixing	Locking bayonet insert					
Operating torque	N	5				
	lb	1.1				
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 ²	1 or 2			

	max	mm ²	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

Snap action



1NO + 1NC

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