

# C&K RTA Rotary Switch

# 32597-SW



### Features/Benefits

- PCB Through Hole Terminals
- Bushing mounting
- Single Pole 5 Positions
- Screwdriver slot actuator
- RoHS Compliant

### Typical Applications

- Appliances
- Electronic alarm systems
- Medical
- Building automation
- HVAC air conditioning

### Electrical Data

SWITCHING MODE:	BBM
MAX. SWITCHING POWER:	5 VA
MAX. SWITCHING CURRENT:	150 mA
MAX. CARRYING CURRENT:	5 A
NOMINAL VOLTAGE AT 50 Hz:	60 V
CONTACT RESISTANCE:	< 150 mΩ
DIELECTRIC STRENGTH AT 50 Hz BETWEEN CONTACTS AND GROUND TERMINALS:	500 V r
INSULATION RESISTANCE BETWEEN CONTACTS OR CONTACTS AND FRAME (500 V =):	10 <sup>9</sup> Ω
NO. OF OPERATIONS:	10,000
BOUNCE:	< 5 ms

### Silver

### Mechanical Data

MAX. NO. OF BANKS: 1.  
 OPERATING TORQUE: 5 Ncm±20%.  
 END STOP TORQUE: < 60 Ncm.  
 STOP: With/without or adjustable  
 MOUNTING: By fixed index 9.5 mm (0.374) of center, for bushing mount only

### Materials

BUSHING/HOUSING: PETP Thermoplastic  
 STATIONARY CONTACTS & TERMINALS: Nickel Plated Brass with additional plating of Gold or Silver.  
 ROTOR: Gold or Silver plated Brass or PCB.  
 CODING PLATE: PA thermoplastic  
 ACTUATOR: Polysulfon thermoplastic  
 HARDWARE: Stop pin: Aluminum. Ball & Spring: Stainless steel. Washer: PA. Nut: Brass.

### Environmental Data

OPERATING TEMPERATURE: -20°C to + 70°C    -20°C to + 70°C  
 STORAGE TEMPERATURE: -40°C to + 85°C    -40°C to + 85°C

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

R T A — H — 4 — 1 S 0 5 — C — 0 6 X — S

### Termination

**H** Horizontal with PC Thru-hole

### Indexing

**4** 36° index (10 positions max.)

### Switch Function

**1S05** SP, 36° Index, 5 pos.

### Mounting Style

**C** 3/8-32 Threaded Bushing with Straight Bracket

### Actuator (max.)

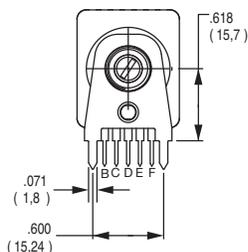
**06X** .236 Custom with screwdriver slot

### Contact Material

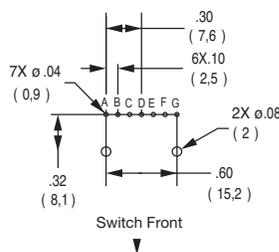
**S** Silver plated, matte-tin terminal

Pos. / Term.	1	2	3	4	5
D (Com)	•	•	•	•	•
A	•				
B		•			
C			•		
F				•	
G					•

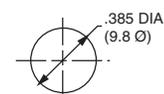
Horizontal with PC Thru-hole Front View



PC Thru-hole Pattern PC Board Top View



PANEL MOUNTING



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