# C&K RTBH Series 1-2 Pole Coded Rotary Switches



### Features/Benefits

- Totally sealed
- Detent angles, 15, 22.5, 30 and 36
- Multi pole
- Coding functions
- Robust construction

### Typical Applications

- Telecommunications
- Military
- Instrumentation
- Heavy-duty industrial equipment

### **Specifications**

CONTACT RATING: S Contact material: Switch: 250mA, 5VA

resistive load. Carry: 5 AMPS

ELECTRICAL LIFE: Up to 25,000 operations.

OPERATING TORQUE: 5Ncm±30% (with 1 module).

MECHANICAL STOP RESISTANCE: > 70 Ncm.

BUSHING MOUNTING TORQUE: 100 Ncm.

CONTACT RESISTANCE: < 100 m $\Omega$ . INSULATION RESISTANCE: >  $10^9~\Omega$  DIELECTRIC STRENGTH: 500 V rms.

### **Materials**

HOUSING: PBT thermoplastic and PC thermoplastic

STATIONARY CONTACTS & TERMINALS: Nickel alloy, gold or

silver plated, insert molded in PBT thermoplastic. ROTOR: Printed circuit, gold or silver plated.

ACTUATOR: Steel BUSHING: Brass

HARDWARE: Stop pin and spring: Stainless steel

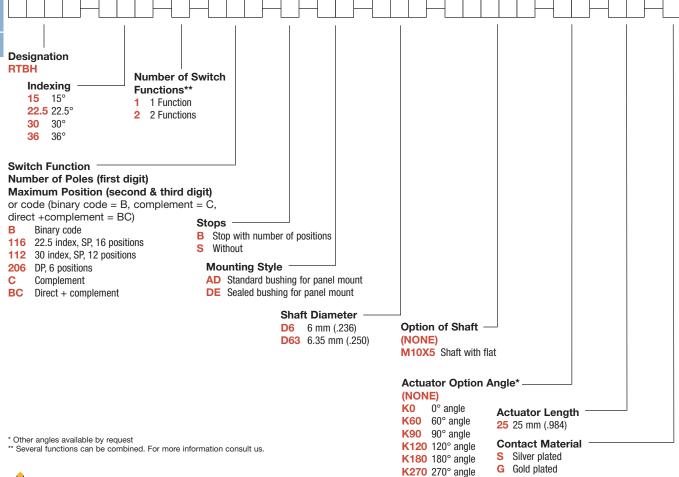
All models are RoHS compliant and compatible.

**NOTE:** For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

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

### **Build-A-Switch**

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages L-27 thru L-31. For additional options not shown in catalog, consult Customer Service Center.

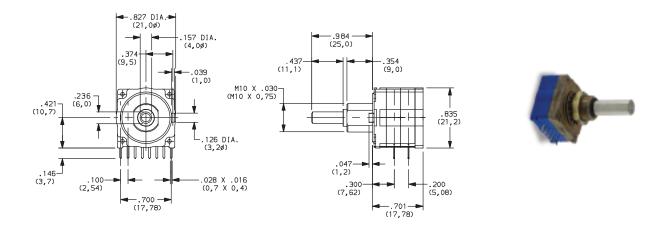




Dimensions are shown: Inch (mm) Specifications and dimensions subject to change



### **RTBH**





15 15° index

22.5 22.5° index

30 30° index

36 36° index

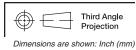
### 

1 1 FUNCTION

2 FUNCTIONS

NOTE: Several functions can be combined. For more information consult us.





# **C&K RTBH Series**1-2 Pole Coded Rotary Switches

### NUMBER OF POLES / POSITIONS -----

**116** 22.5 INDEX, SP, 16 POSITIONS

112 30 INDEX, SP, 12 POSITIONS

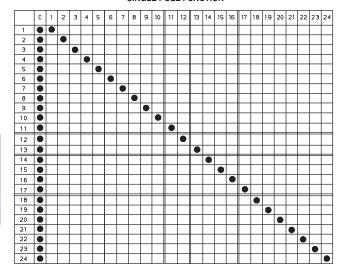
206 30 INDEX, DP, 6 POSITIONS

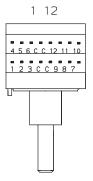
BINARY CODE, 15 /22.5 /30 /36

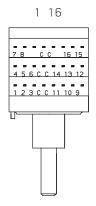
C COMPLEMENT, 15 /22.5 /30 /36

BC DIRECT + COMPLEMENT, 15 /22.5 /30 /36

### SINGLE POLE FUNCTION



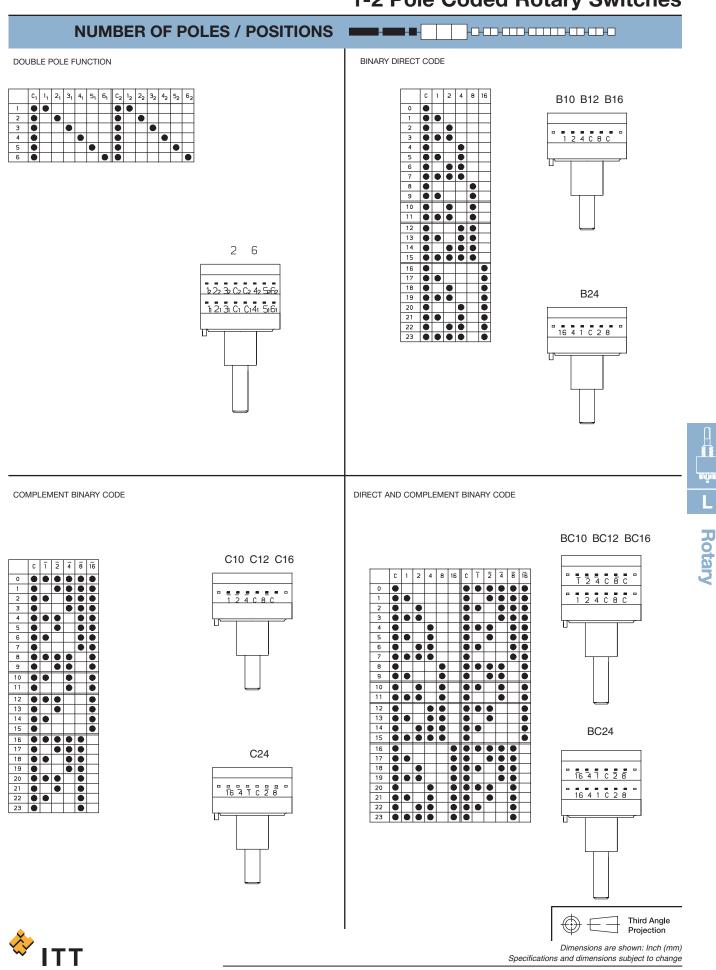








### **C&K RTBH Series** 1-2 Pole Coded Rotary Switches



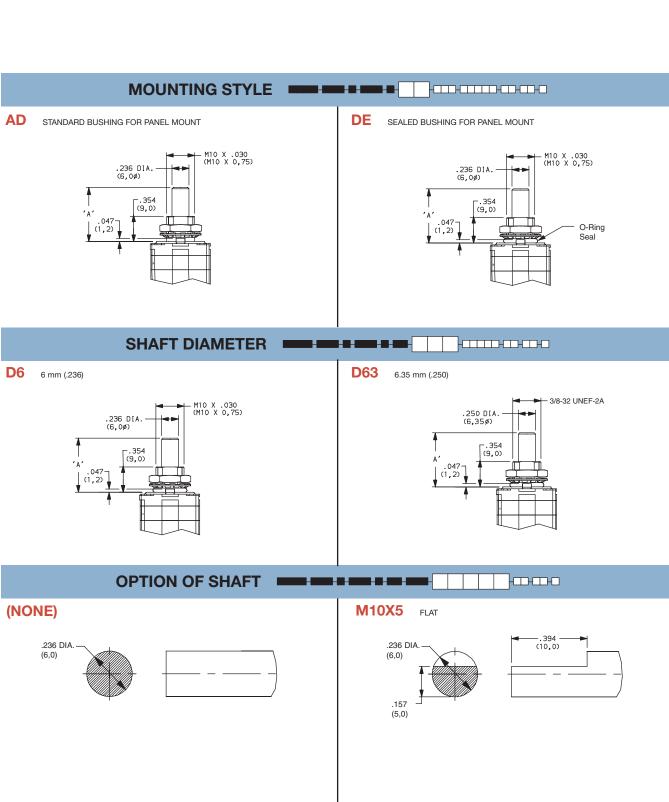
Dimensions are shown: Inch (mm) www.ittcannon.com

Specifications and dimensions subject to change

## C&K RTBH Series

### 1-2 Pole Coded Rotary Switches





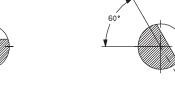


Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

Third Angle Projection

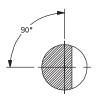


K0 0 ANGLE

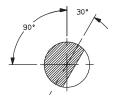


**ACTUATOR OPTION ANGLE** 

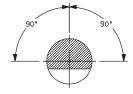
**K60** 



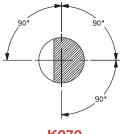
**K90** 



K120



K180 210°



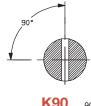
**K270** 



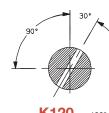
K0 (STD.) 0 ANGLE



**K60** 



**K90** 







### **ACTUATOR LENGTH**

0,25 mm (.984) STANDARD SHAFT

Other lengths available by request.

### CONTACT MATERIAL

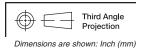
RoHS COMPLIANT*	RoHS COMPATIBLE*	CONTACT AND TERMINAL MATERIAL	RATING	
YES	YES	SILVER	LOW LEVEL/DRY CIRCUIT	SWITCH: 250 mA, POWER: 5 VA; CARRY: 5 AMPS
YES	YES	GOLD	LOW LEVEL/DRY CIRCUIT	SWITCH: 20 mA_POWER: 0.2 VA: CARRY: 1 AMP

<sup>\*</sup> Note: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications.



OPTION

S G



Specifications and dimensions subject to change