C&K RTBV 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: $< 100 \text{ m} \Omega$. INSULATION RESISTANCE: $> 10^9 \Omega$ DIELECTRIC STRENGTH: 500 V rms.

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

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.

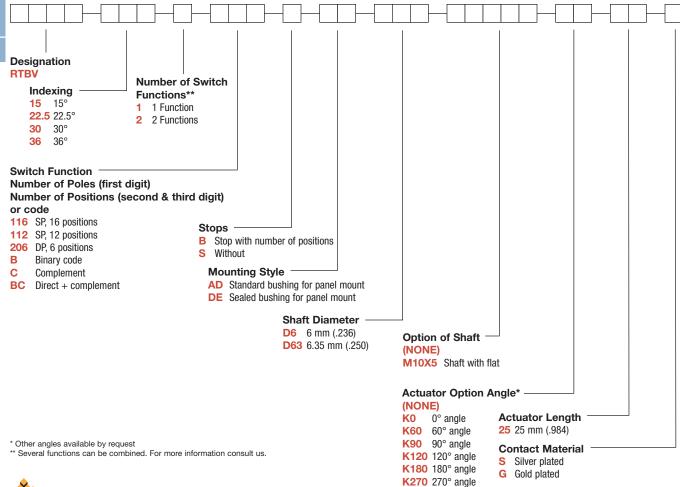
ACTUATOR: Steel BUSHING: Brass

HARDWARE: Stop pin and spring: Stainless steel

All models are RoHS compliant and compatible.

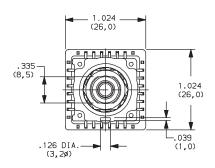
Build-A-Switch

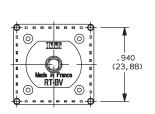
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages L-33 thru L-37. For additional options not shown in catalog, consult Customer Service Center.



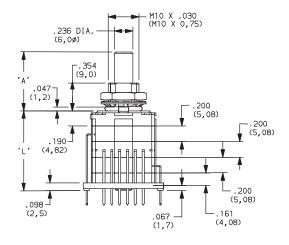
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

RTBV











15 15° index, 24 POSITIONS MAXIMUM

22.5 22.5° index, 16 POSITIONS MAXIMUM

30 30° index, 12 POSITIONS MAXIMUM

36 36° index, 10 POSITIONS MAXIMUM







C&K RTBV Series1-2 Pole Coded Rotary Switches

- 1 1 FUNCTION
- 2 FUNCTIONS

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

116 22.5 INDEX, SP, 16 POSITIONS

112 30 INDEX, SP, 12 POSITIONS

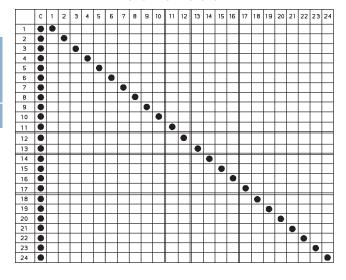
206 30 INDEX, DP, 6 POSITIONS

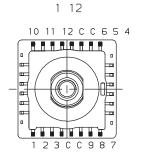
BINARY CODE, 15 /22.5 /30 /36

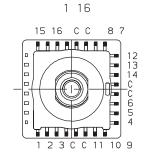
COMPLEMENT, 15 /22.5 /30 /36

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

SINGLE POLE FUNCTION



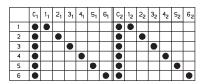


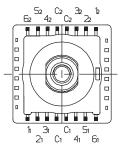






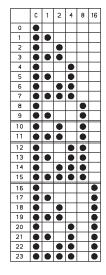
DOUBLE POLE FUNCTION

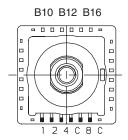


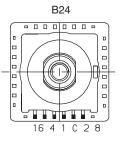


NUMBER OF POLES / POSITIONS

BINARY DIRECT CODE

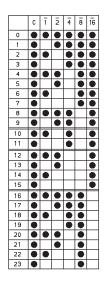


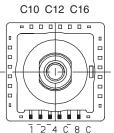


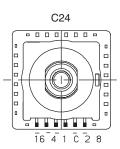




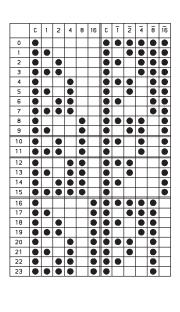
COMPLEMENT BINARY CODE



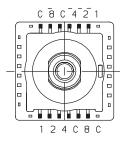


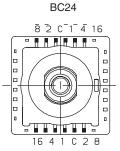


DIRECT AND COMPLEMENT BINARY CODE











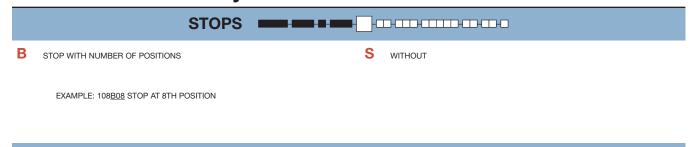
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

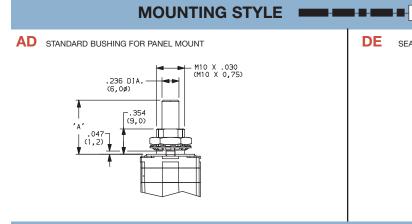


www.ittcannon.com

C&K RTBV Series

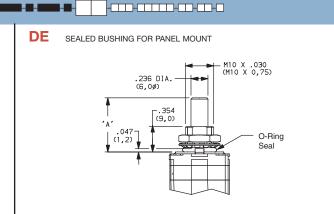
1-2 Pole Coded Rotary Switches



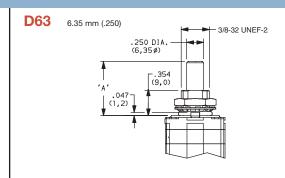


SHAFT DIAMETER

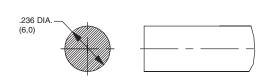
OPTION OF SHAFT

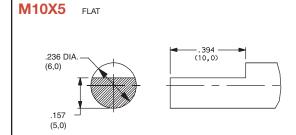


236 DIA. M10 X .030 (M10 X 0,75)



(NONE)







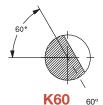


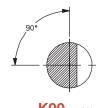
ACTUATOR OPTION ANGLE



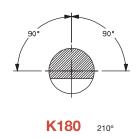
(NONE)





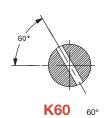


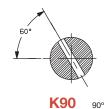
90° 30° K120 120°

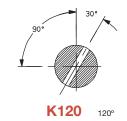












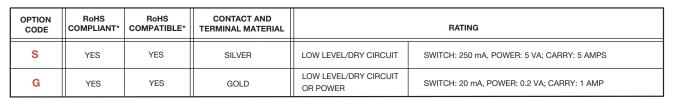


ACTUATOR LENGTH

25 0,25 mm (.984) STANDARD SHAFT

Other lengths available by request.

CONTACT MATERIAL



^{*} Note: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications.



