#### Features/Benefits

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

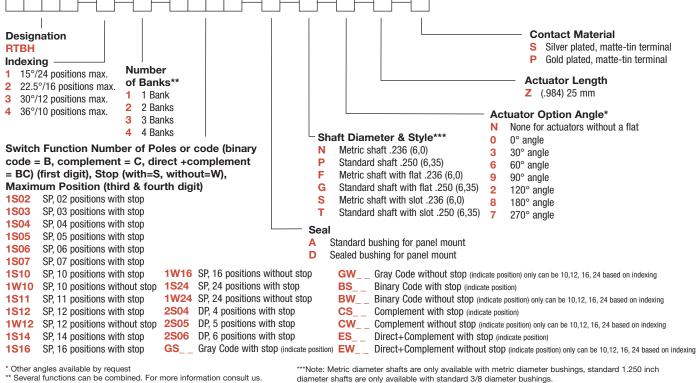
#### Typical Applications

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

Silver	Gold	Environmental Data	
BBM*	BBM*	OPERATING TEMPERATURE:	-25°C to +70°C
5VA	0.2VA	STORAGE TEMPERATURE:	-40°C to +85°C
250 mA	20 mA	TOTALLY SEALED:	Immersion test acc. to MIL
10 mA	1 mA		R22.097 F and NFC 20631/QF
5A	1A	* BBM= Break Before Make (n	on-starting)
	201		
•••		Materials	
		HOUSING: PBT thermoplastic and PC thermoplastic STATIONARY CONTACTS & TERMINALS: Nickel plated Brass aith	
<100mΩ	<100m $\Omega$		
			g, insert molded in PBT thermoplastic.
500 V rms	500 V rms		5, I
		ACTUATOR: Steel	
>10 <sup>9</sup> Ω	>10 <sup>9</sup> Ω	BUSHING: Brass	
		HARDWARE: Stop pin and spi	ring: Stainless steel
1 to 4 5 Ncm±30% (with 1 module) >70 Ncm 100 Ncm		All models are RoHS complian	it and compatible.
		NOTE: Specifications and materials liste	d above are for switches with standard options.
			switches, consult Customer Service Center.
	BBM* 5VA 250 mA 10 mA 5A 25V 5V <5ms <100mΩ 500 V rms >10 <sup>9</sup> Ω 1 t 5 Ncm±30% ( >70	$\begin{array}{cccccc} BBM^{\star} & BBM^{\star} \\ 5VA & 0.2VA \\ 250 mA & 20 mA \\ 10 mA & 1 mA \\ 5A & 1A \\ 25V & 25V \\ 5V & 1V \\ <5ms & <5ms \\ <100m\Omega & <100m\Omega \\ \\ 500 V rms & 500 V rms \\ >10^9\Omega & >10^9\Omega \\ \end{array}$	BBM*BBM*OPERATING TEMPERATURE: $5VA$ $0.2VA$ STORAGE TEMPERATURE: $250$ mA $20$ mATOTALLY SEALED: $10$ mA1 mA $5A$ 1A $25V$ $25V$ $5V$ $1V$ $<5ms$ $<5ms$ $<100m\Omega$ $<100m\Omega$ $500$ V rms $500$ V rms $>10^9\Omega$ $>10^9\Omega$ $>10^9\Omega$ $>10^9\Omega$ $1$ to 4 $*$ OPERATING TEMPERATURE: $50$ Ncm±30% (with 1 module)NOTE: Specifications and materials listed $>70$ NcmNOTE: Specifications and materials listed

#### **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 K-19 thru K-23. For additional options not shown in catalog, consult Customer Service Center.

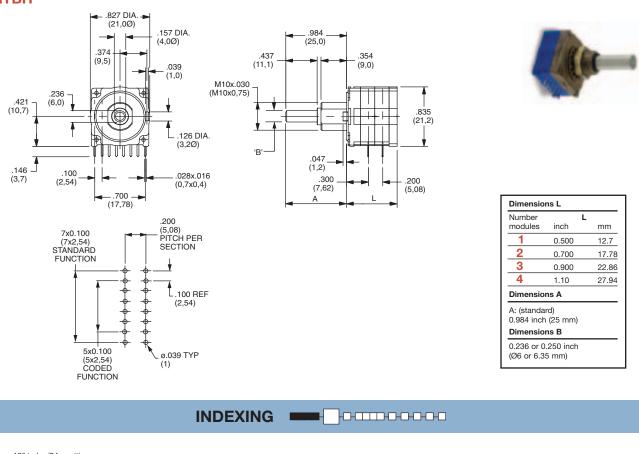


diameter shafts are only available with standard 3/8 diameter bushings. NOTE: S&T Shaft Diameter and Style are only available with Actuator Option angle 0, 6, 9, 2.



DESIGNATION Department

**RTBH** 



- 1 15° index/24 positions
- 2 22.5° index/16 positions
- 3 30° index/12 positions
- 4 36° index/10 positions

### NUMBER OF BANKS

- 1 1 BANK
- 2 2 BANKS
- 3 3 BANKS
- 4 BANKS

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



Dimensions are shown: mm Specifications and dimensions subject to change

#### SWITCH FUNCTION

Switch Function Number of Poles or code (binary code = B, complement = C, direct +complement = BC) (first digit), Stop (with=S, without=W), Maximum Position (third & fourth digit)

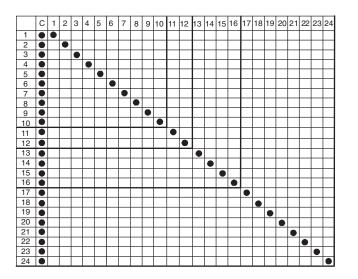
2

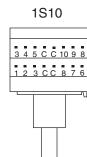
1S02	SP, 02 positions with stop
1S03	SP, 03 positions with stop
1S04	SP, 04 positions with stop
1S05	SP, 05 positions with stop
1S06	SP, 06 positions with stop
1S07	SP, 07 positions with stop
1S10	SP, 10 positions with stop
1W10	SP, 10 positions without stop
1S11	SP, 11 positions with stop
1S12	SP, 12 positions with stop
1W12	SP, 12 positions without stop
1S14	SP, 14 positions with stop
1S16	SP, 16 positions with stop
1W16	SP, 16 positions without stop
1 <b>S</b> 24	SP, 24 positions with stop
1W24	SP, 24 positions without stop

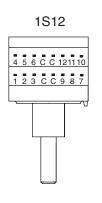
<b>SO4</b> DP, 4	l positions	with stop
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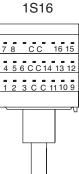
- **2S05** DP, 5 positions with stop
- **2S06** DP, 6 positions with stop
- GS\_ \_ Gray Code with stop (indicate position)
- GW\_ \_ Gray Code without stop (indicate position) only can be 10,12, 16, 24 based on indexing
- BS\_\_\_ Binary Code with stop (indicate position)
- BW\_\_\_ Binary Code without stop (indicate position) only can be 10,12, 16, 24 based on indexing
- CS\_\_ Complement with stop (indicate position)
- CW\_ \_ Complement without stop (indicate position) only can be 10,12, 16, 24 based on indexing
- ES\_ \_ Direct+Complement with stop (indicate position)
- EW\_ \_ Direct+Complement without stop (indicate position) only can be 10,12, 16, 24 based on indexing

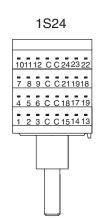
1 Single Pole Function 1S10, 1S12, 1S16, 1S24

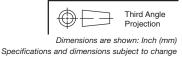








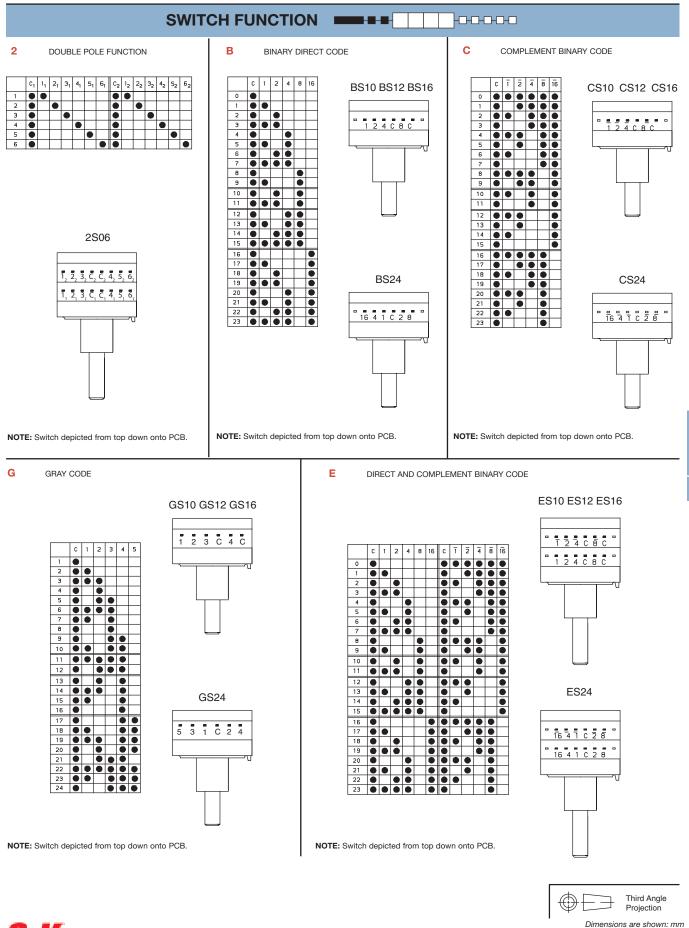




NOTE: Switch depicted from top down onto PCB.



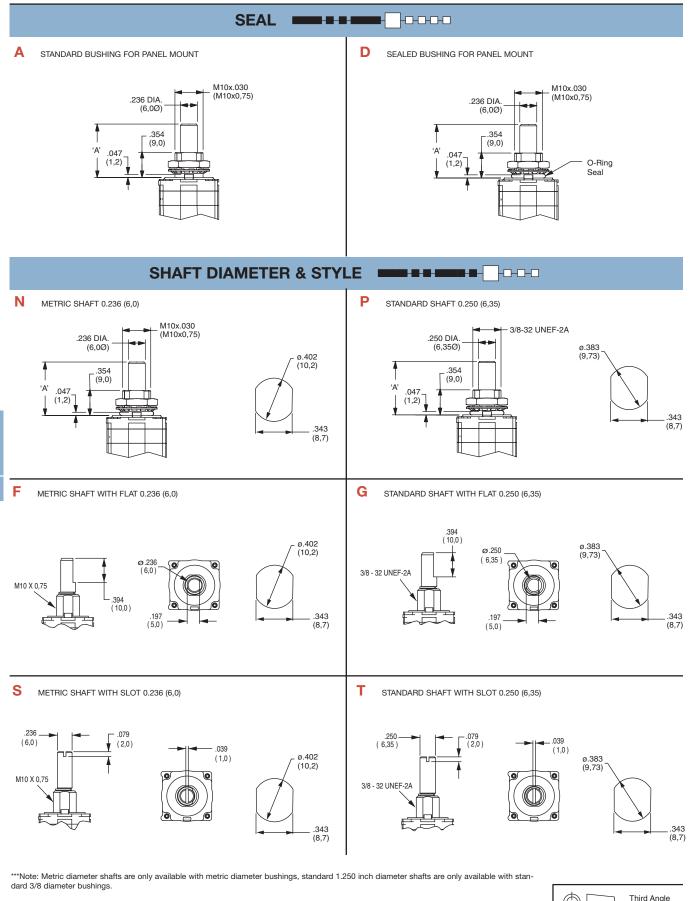
www.ck-components.com



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Specifications and dimensions subject to change

A



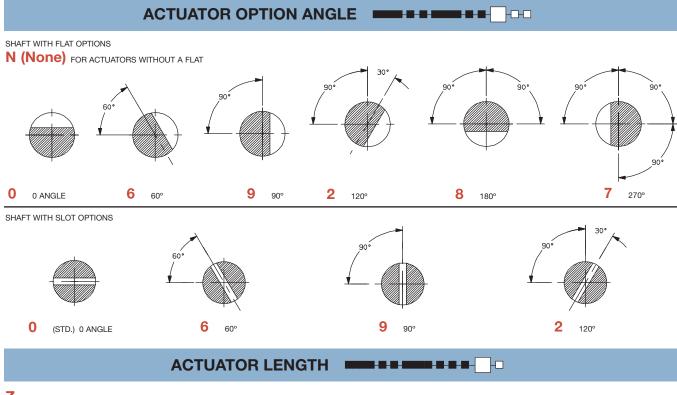


K

Rotary

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

Projection



Z (.984) 0,25 mm STANDARD SHAFT

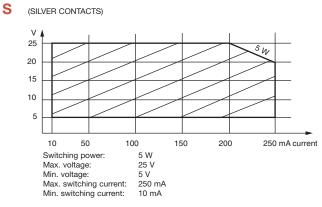
Other lengths available by request.

#### 

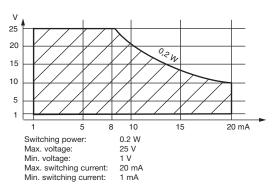
	OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATING
	S	SILVER	SWITCH: 250 mA, POWER: 5 VA; CARRY: 5 AMPS
ſ	Р	GOLD	SWITCH: 20 mA, POWER: 0.2 VA; CARRY: 1 AMP

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

#### SWITCHING POWER



#### P (GOLD CONTACTS)





CeK

Specifications and dimensions subject to change