

Features/Benefits

- Most complete product offering in the industry Test & measurement equipment
- Spacers available to fit most panel cutouts
- Front or rear mounting options

Typical Applications

- Industrial equipment
- Computer devices

Specifications

CONTACT RATING: CARRY: 1 AMP continuous. SWITCH: 100 mA max. OPERATING VOLTAGE: 50 mV to 28 V DC or 120 V AC. ELECTRICAL LIFE: 100.000 actuations.

CONTACT RESISTANCE: Below 100 m Ω typ. initial @ 2-4 V DC, 100 mA.

INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 500 Vrms min. @ sea level between common terminal and any output.

OPERATING TEMPERATURE: -40°C to 65°C.

Materials

HOUSING: ABS plastic THUMBWHEEL: ABS plastic. ROTOR CONTACTS: Precious metal on copper alloy. STATOR CONTACTS: Hard gold over nickel over copper on epoxy fiberglass.

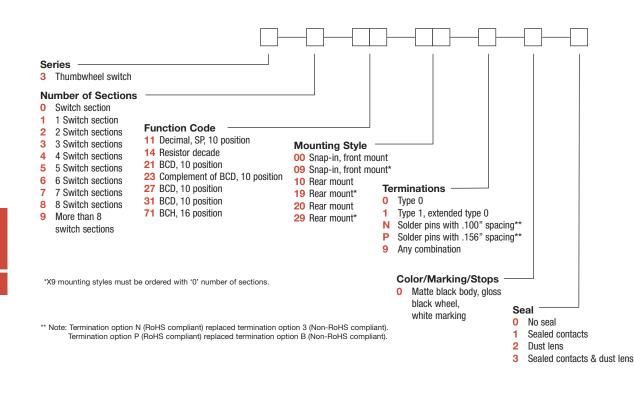
NOTE: Specifications and materials listed above are for switches with standard options For information on specific and custom switches, consult Customer Service Center

* Note: All models listed are RoHS compliant. See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications

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 N-9 thru N-12. For additional options not shown in catalog, consult Customer Service Center.

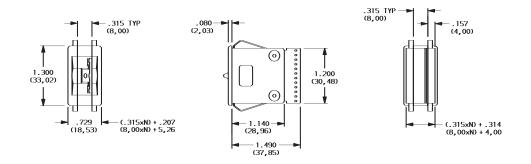
Consult factory for illumination availability.





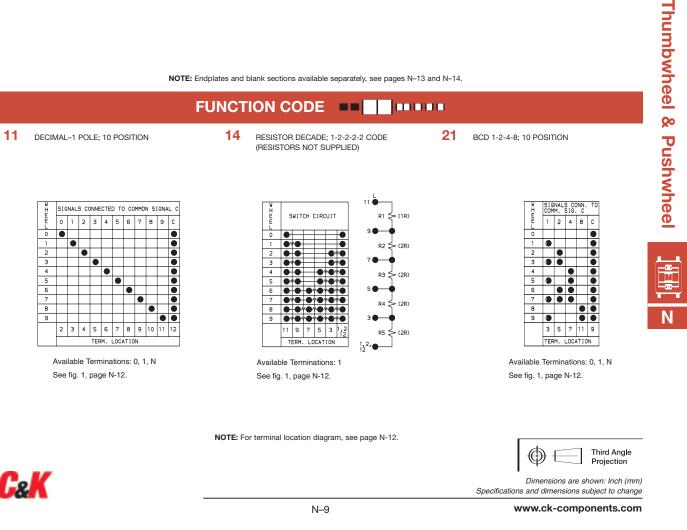
SERIES

3 THUMBWHEEL SWITCHES

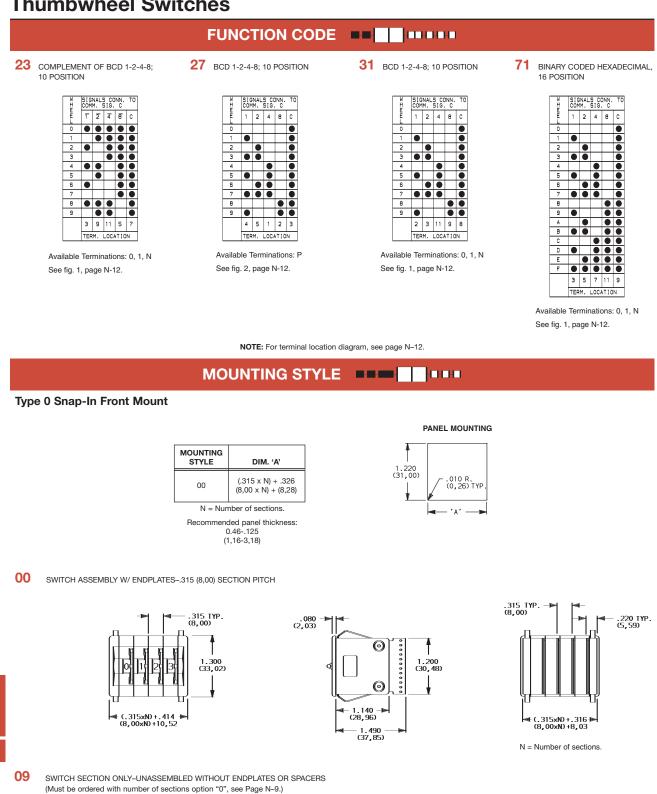


NUMBER OF SECTIONS

- 0 Switch section only, no assembly. Blank bodies are considered sections; endplates are not sections. Must be ordered with 09 or 19 mounting style options, see pages N-10 and N-11.
- 1-8 Number of switch sections in assembly, includes endplates.
- 9 More than 8 switch sections, specify on CONFIGURATION FORM, page N-15 and consult Customer Service Center.



NOTE: Endplates and blank sections available separately, see pages N-13 and N-14.



 $\label{eq:NOTE: Endplates, blank sections, spacers and assembly hardware available separately, see pages N-13 and N-14.$



Thumbwheel & Pushwheel

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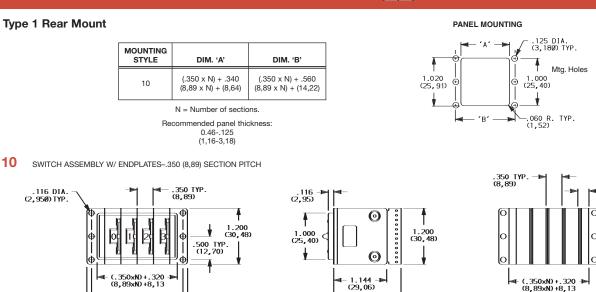
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

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Third Angle

Projection

MOUNTING STYLE



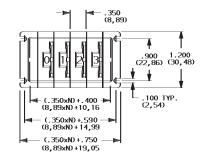
19 SWITCH SECTION ONLY-UNASSEMBLED WITHOUT ENDPLATES OR SPACERS (Must be ordered with number of sections option "0", see Page N-9.)

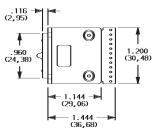
(.350xN)+.560 (8,89xN)+14,22

(.350xN)+.750 (8,89xN)+19,05

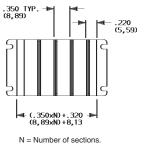
Type 2 Rear Mount

20 SWITCH ASSEMBLY W/ ENDPLATES-.350 (8,89) SECTION PITCH





1.444



N = Number of sections

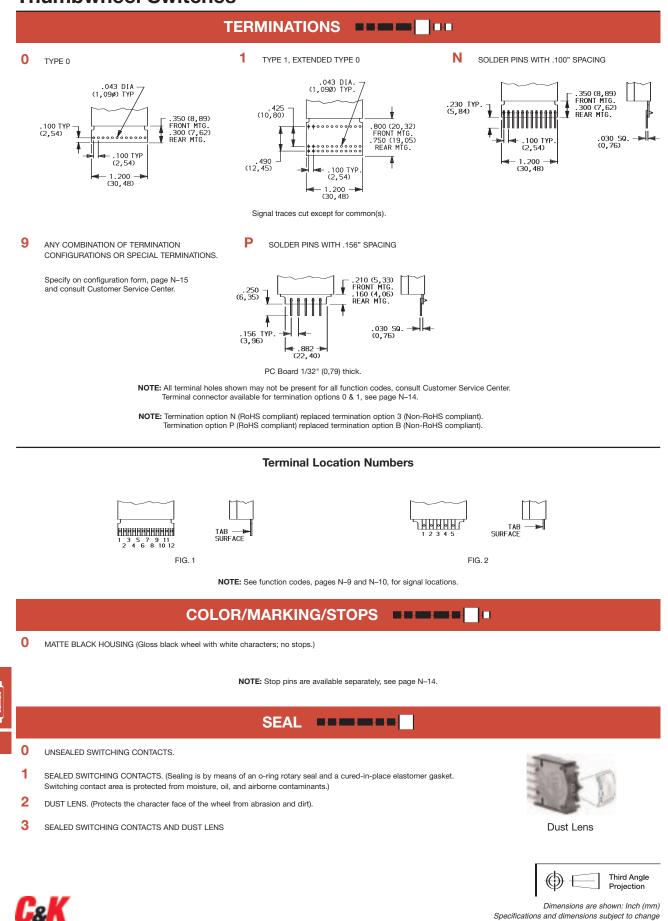
29 SWITCH SECTION ONLY-UNASSEMBLED WITHOUT ENDPLATES OR SPACERS (Must be ordered with number of sections option "0", see Page N-9.)

> NOTE: Endplates, blank sections, spacers and assembly hardware available separately, see pages N-13 and N-14.



Dimensions are shown: Inch (mm) Specifications and dimensions subject to change .220 (5,59)

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Thumbwheel & Pushwheel

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	AVAILABLE HARDWARE							
Blank sections, Type 0, .315 THK.	Blank sections, Front mount, Type 0, .315 THK.	Blank sections, Rear mount, Type 1, .350 THK.						
PART NO.	PART NO.	PART NO.						
413602000 W/RIB-BLACK	413502000 PLAIN-BLACK	400602000 W/RIB-BLACK						
400502000 W/RIB & W/OUT SPRINGS-BLACK	400702000 PLAIN & W/OUT SPRINGS-BLACK	400802000 PLAIN-BLACK						
Blank sections, Rear mount, Type 2, .350 THK.	End plates, Front mount, Type 0	End plates, Rear mount, Type 1						
4734 4733	A A A A A A A A A A A A A A A A A A A							
PART NO. 173402000 W/RIB-BLACK								
473302000 PLAIN-BLACK	PART NO. 413402000 BLACK Two required for complete assembly.	PART NO. 400402003 BLACK Two required for complete assembly.						
End plates, Rear mount, Type 2	Spacers, Front mount, Type 0 & 3, .078 THK. (Makes section pitch 10mm)	Stop pins						
		ι						
PART NO. 473202003 BLACK Two required for complete assembly.	PART NO. 410802000 BLACK	PART NO. 402900000						
		Dimensions are shown: Inch (mm)						
		Specifications and dimensions subject to change						

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AVAILABLE HARDWARE

Terminal connector





605A02000

 PART NO.

 605A00000
 PC

 605A02000
 SOLDER LUG

 Fits 0 & 1 terminations only.

Screws for field assembly of thumbwheel switches (2 screws needed per assembly + 403500000 nuts)

	NUMBER OF SECTIONS IN ASSEMBLY								
SCREW PART NUMBER	FRONT MOUNTING	REAR MOUNTING							
(0-80 UNF THD. SIZE)	MTG. STYLE – 00	MTG. STYLE - 10							
412700000	1–2	1–2							
412701000	3–4	3							
412702000	5–7	4–6							

Thumbwheel & Pushwheel



Two nuts required per assembly and screws.

PART NO. 403500000

Nut



PART NO. 406100652

Nut driver (For 403500000 nut)



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

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		3																		MBER
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ORIO	BINATED	BY _							_ SA	\LES	REP.									
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Thumbwheel & Pushwheel

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