

### Features/Benefits

- Snap-in front mount design for easy assembly
- 10 position models available Illuminated backlighting available

#### **Typical Applications**

- Test & measurement equipment
- Industrial machinery
- Computer peripherals

### Specifications

CARRY: 1 AMP continuous.	
	HOUS PUSH PUSH
OPERATING VOLTAGE: 50 mV to 28 V DC.	ROTC
FLECTRICAL LIFE: 100.000 actuations	STATO
CONTACT RESISTANCE: Below 300 m Ω typ. @ 2-4 V DC, 100 mA.	0
	OTE:
DIELECTRIC STRENGTH: 500 Vrms min. @ sea level between common terminal and any output. OPERATING TEMPERATURE: -10°C to 65°C.	

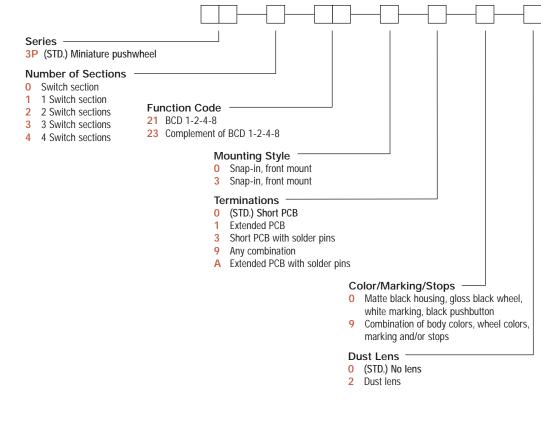
#### Materials

HOUSING: Polycarbonate (UL 94V-0).
PUSHWHEEL: Polycarbonate (UL 94V-0).
PUSHBUTTON: Polycarbonate (UL 94V-0).
ROTOR CONTACTS: Gold over nickel over 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.

### **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 M-17 thru M-19. For additional options not shown in catalog, consult Customer Service Center. Consult factory for illumination availability.



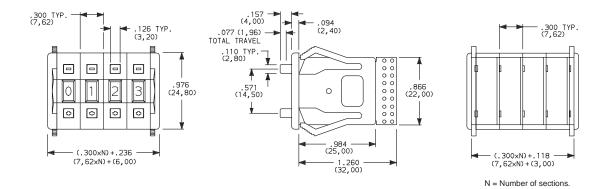


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Dimensions are shown: IN (mm) Dimensions subject to change

## SERIES

#### **3P** (STD.) MINIATURE PUSHWHEEL SWITCH



### NUMBER OF SECTIONS

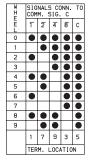
- **0** Switch section only, no endplates.
- 1-4 Number of switch sections in assembly, includes endplates.

NOTE: Endplates and blank sections available separately, see page M-20.

**FUNCTION CODE** 

- 21 BCD 1-2-4-8, 10 POSITION
  - 2 0 . . . 2 • • • • 6 • 8 9 . 5 1 3 7 9 TERM. LOCATION
  - Available Terminations: A, 0, 1, 3 See figs. 2 & 3, page M-19.

COMPLEMENT OF BCD 1-2-4-8, 10 POSITION



Available Terminations: 0, 1, 3 See figs. 2 & 3, page M-19.

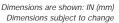


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NOTE: For terminal location diagrams, see page M-19.

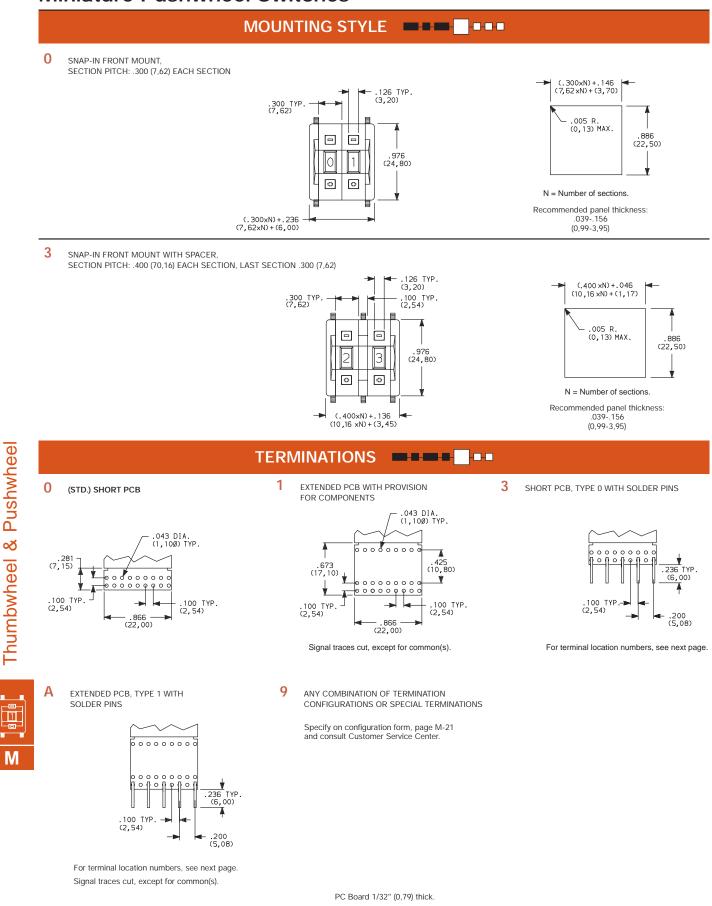
M-17



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23 COMPLEMENT OF BCD 1-2-



NOTE: All terminal holes shown may not be present for all function codes, consult Customer Service Center.



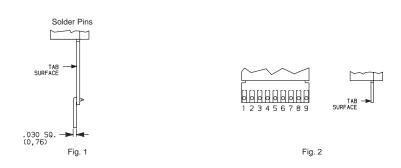
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## TERMINATIONS

**Terminal Location Numbers** 



### COLOR/MARKING/STOPS

- 0 (STD.) MATTE BLACK HOUSING (Gloss black wheel with white characters, black pushbuttons, no stops.)
- 9 SPECIAL COLORS, MARKINGS FOR HOUSING OR WHEEL, STOPS (Specify on CONFIGURATION FORM, page M-21 and consult Customer Service Center).

### DUST LENS

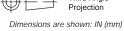
- 0 (STD.) NO LENS
- 2 DUST LENS (Protects character face of the wheel from abrasion and dust.)







Dimensions subject to change



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AVAILABLE HARDWARE											
Blank sections, .300 THK.	End plates	Spacers, .100 THK. (Makes section pitch .400)									
	LEFT-with hole RIGHT-with pin										
PART NO. 663702000 BLACK 663709000 GRAY	PART NO.       623502000       LEFT-BLACK         623509000       LEFT-GRAY       One left and one right         623602000       RIGHT-BLACK       piece required for         623609000       RIGHT-GRAY       complee assembly.	PART NO. 663602000 BLACK 663609000 GRAY									
Stop pins	Terminal connector										
PART NO. 657800000	PART NO. Fits 0, 1 630000000 terminations only.										



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Dimensions are shown: IN (mm) Dimensions subject to change

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DDRESS															_		SION	:		
USTOMER C	ONTA						_ DA	TE							D	ETA	ILS:			
RIGINATED E																				
PUSHW			NO. OF SEC.	C	OLO	R/M/	CODE ARKIN LLUM BLANK SI	IG/S	STO TIO	PS/S N	SEAL			DES	SCR	IBE I	N AP	PRO	PRIAT	E RO\
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Thumbwheel & Pushwheel