

Features/Benefits

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

Typical Applications

- Test & measurement equipment
- Industrial machinery
- Computer peripherals

Specifications

CONTACT RATING:

CARRY: 1 AMP continuous.

SWITCH: 0.4 VA max., 100 mA max., 28 V DC max.

OPERATING VOLTAGE: 50 mV to 28 V DC. ELECTRICAL LIFE: 100,000 actuations.

CONTACT RESISTANCE: Below 300 m Ω typ. @

2-4 V DC, 100 mA.

INSULATION RESISTANCE: $10^9~\Omega$ min. (dry). 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

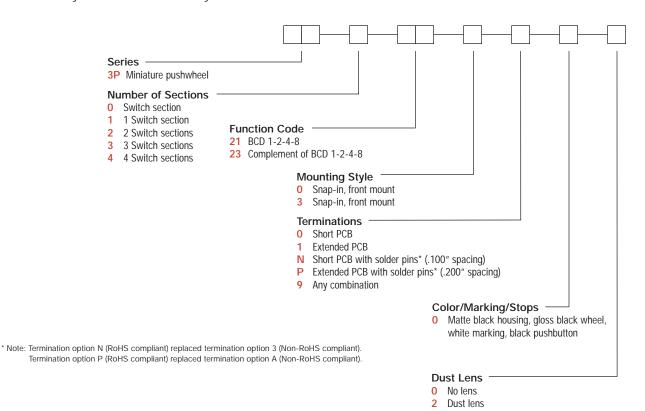
on epoxy fiberglass.

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

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

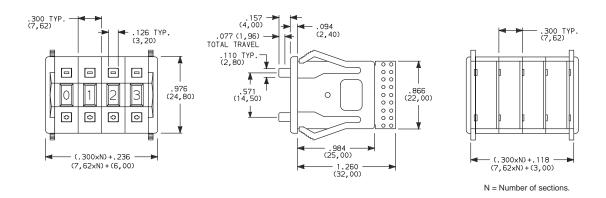




Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

SERIES

3P MINIATURE PUSHWHEEL SWITCH



NUMBER OF SECTIONS -----

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

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

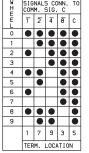
FUNCTION CODE ---

21 BCD 1-2-4-8, 10 POSITION

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

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	TERM. LOCATION												

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



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

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

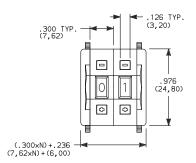


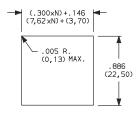
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change



MOUNTING STYLE ---

O SNAP-IN FRONT MOUNT, SECTION PITCH: .300 (7,62) EACH SECTION

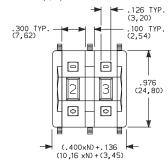


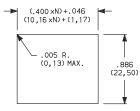


N = Number of sections.

Recommended panel thickness: .039-.156 (0,99-3,95)

3 SNAP-IN FRONT MOUNT WITH SPACER, SECTION PITCH: .400 (70,16) EACH SECTION, LAST SECTION .300 (7,62)





N = Number of sections.

Recommended panel thickness: .039-.156 (0,99-3,95)

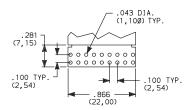




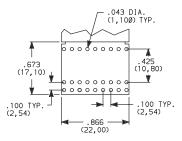


TERMINATIONS ----

O SHORT PCB

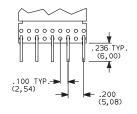


1 EXTENDED PCB WITH PROVISION FOR COMPONENTS



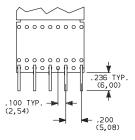
Signal traces cut, except for common(s).

N SHORT PCB, TYPE 0 WITH SOLDER PINS



For terminal location numbers, see next page.

P EXTENDED PCB, TYPE 1 WITH SOLDER PINS



9 ANY COMBINATION OF TERMINATION CONFIGURATIONS OR SPECIAL TERMINATIONS

Specify on configuration form, page N-21 and consult Customer Service Center.

For terminal location numbers, see next page. Signal traces cut, except for common(s).

** Note: Termination option N (RoHS compliant) replaced termination option 3 (Non-RoHS compliant).

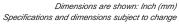
Termination option P (RoHS compliant) replaced termination option A (Non-RoHS compliant).

PC Board 1/32" (0,79) thick.

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









TERMINATIONS ----

Terminal Location Numbers

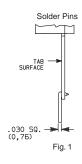




Fig. 2

COLOR/MARKING/STOPS ----

MATTE BLACK HOUSING (Gloss black wheel with white characters, black pushbuttons, no stops.)

DUST LENS



DUST LENS (Protects character face of the wheel from abrasion and dust.)







Thumbwheel & Pushwheel

3P Series Miniature Pushwheel Switches

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





Configuration Form														C&K														
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Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

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