## Pushwheel Switches, Mini, Rear Mount

The DPS8 Series is a compact, lower cost family of instrument grade, pushbutton code switches for numerical input applications. DPS8 models are similar in size to those of the SMCD Series and also feature a fast-snap-together assembly with conventional behind-the-panel mounting. A simple reliable bidirectional pushbutton mechanism allows rapid changes to either higher or lower numerical setting. Reliable performance in logic level circuits and long service life are provided by gold clad wiping contacts. A dust-sealed window protects the readout characters, which are larger than those of comparable thumbwheel switches. DPS8 switches have snap-action detent.

MATERIAL SPECIFICATIONS

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TYPICAL PERFORMANCE CHARACTERISTICS
Contact Rating $\qquad$ .0.4 VA @ 20 VDC or Peak AC
Contact Circuit Resistance ... 0.15 ohms max.
Mechanical Life ...............More than $10^{6}$ operations
ENVIRONMENTAL SPECIFICATIONS
Operating Temperature $\quad . . . . .\left(-20^{\circ} \mathrm{C}\right.$ to $\left.+80^{\circ} \mathrm{C}\right)$

## MODULE ASSEMBLY METHOD

DPS bi-directional code switches may be easily assembled into groups of any number. Each switch, spacer or end-plate pair has appropriate snap-together assembly. No tools are required, little time consumed

Groups of DPS8 switches, with end-plates mount into panel holes of the recommended size using four screws plus nuts and washers.

## ACCESSORIES

| Model | Description |
| :--- | :--- |
| DPS8A | Spacer.157" |

DPS8A Spacer.157" (4mm)
DPS8L $\quad .315^{\prime \prime}$ spacer section

DPS8P End mounting plates, decorative only (pair)
DPS8PW End mounting plates, flanged with mounting holes (pair)

B9L Connector, 9 contacts, solder lug terminals
B9LS Connector, 9 contacts, pc terminals
B11LS Connector, 11 contacts, PC terminals (for Code III Switch)
SP1.2 Limit stop pin for 10 position only.

| DPS8 - $\mathbf{1 3 1}=$ | DK <br> Codes |
| :--- | :--- |
| $111=$ Decimal | $A K=$ pcb short |
| $131=$ BCD | $A L=$ pcb long |
| $137=$ BCD Complement | $L S=$ solder pin |
| $141=$ BCD + Complement | $A K U=$ pcb short downward |
| $301=$ Hexadecimal | $A L U=$ pcb long downward |

See Code Tables on Page J3


Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses or brackets are metric equivalents

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967

