

# SERIES 800

## REMOTE READOUT DISPLAYS

- BCD to display converter
- 1 to 4 digits
- Self-contained
- 1.0", 0.6" or 4" LED display option
- Screw terminals
- Parallel ribbon connector for "daisy chaining"
- Latch terminals for multiplexing
- 5V, 12V or 24VDC operation
- Programmable decimal point



### *Description...*

The Static Controls Series 800 remote readout display is a self-contained, parallel input, BCD to display converter. The unit may be ordered with one to four 0.6" or 4" LED digits or one to three 1.0" LED digits.

Connections to the display can be made with screw terminals or ribbon cable connectors which are supplied for easy "daisy chaining" of multiple units. The screw terminals are connected in parallel with the ribbon cable connectors.

Multiplexing of multiple displays is accomplished through latch terminals for each individual digit. A programmable decimal point is provided so that each readout can display a decimal point in any position.

Input voltages are available in 5, 12 or 24 VDC.

Static Controls remote readout display can be used to display seven segment digits at remote locations at any distance from a BCD output source.

Individual latch terminals allow several independent displays to be multiplexed from a programmable controller.

If your application requires an ultra compact enclosure of 1 or 2 digits, please refer to Series 850 remote readout displays. If you require more than four digits, please refer to Series 880 modular LED displays.

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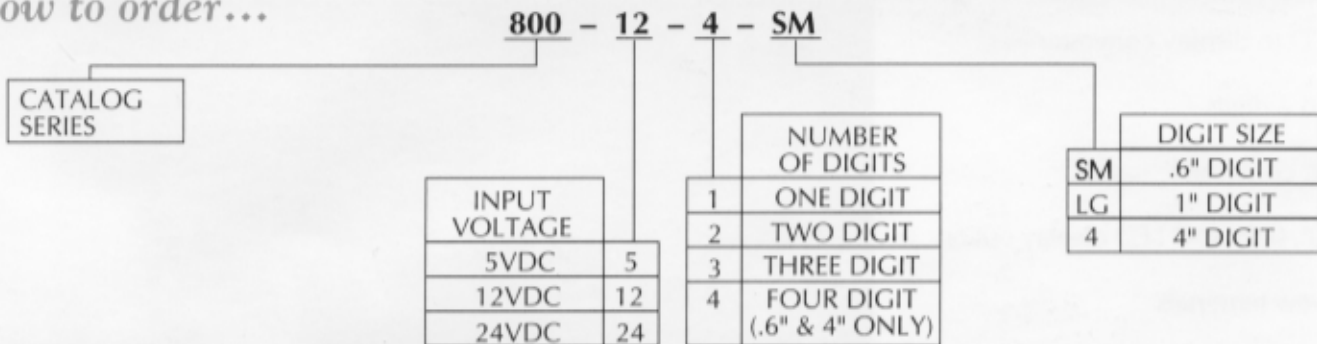
Static Controls Corporation

Telephone: (248) 926-4400 • Fax: (248) 926-4412  
30460 Wixom Rd. • Wixom, Michigan 48393  
[www.scccontrols.com](http://www.scccontrols.com)

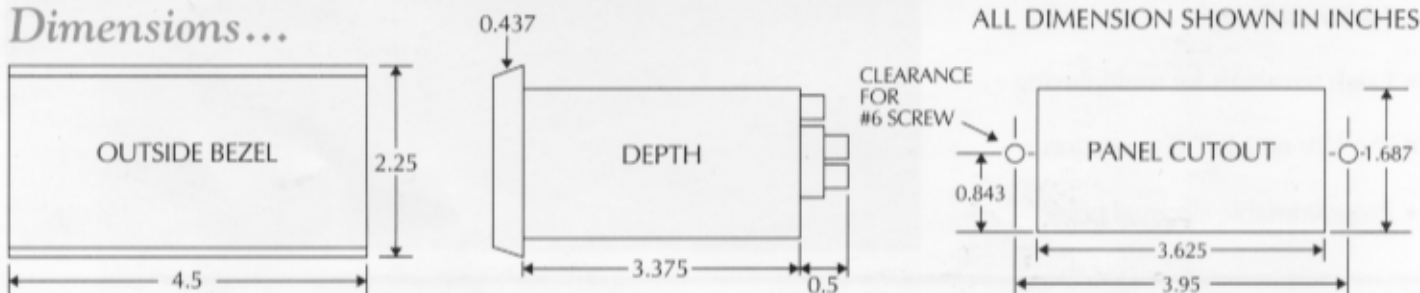
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### How to order...



### Dimensions...

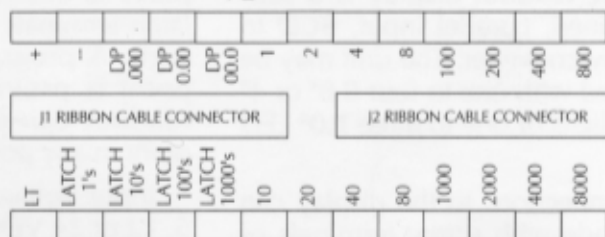


For Bezel & Mounting Dimensions on 4" digit display please consult factory (depth & Panel cutout remain same).

### Specifications...

POWER SUPPLY	5VDC	12 & 15VDC	24VDC
POWER SUPPLY	.6" 125 mA	.6" 80mA	.6" 80mA
CURRENT PER DIGIT	1" & 4" 120mA	1" & 4" 75mA	1" & 4" 75mA
INPUT CURRENT PER DATA LINE	.75mA	1.5mA	1.5mA
INPUT VOLTAGE PER DATA LINE	LOW 1.5V HI 3.5V	LOW 3.4V HI 9.0V	LOW 10V HI 12V
INPUT	BCD HI TRUE		
DIGIT LATCH	HI WILL LATCH EACH DIGIT INDEPENDENTLY		

### Terminal Strip Connections...



LAMP TEST (TERMINAL "LT") LIGHTS ALL SEGMENTS WHEN CONNECTED TO GND. RIBBON CABLE CONNECTIONS (J1, J2) ARE PROVIDED FOR PARALLELING DISPLAY DATA. POWER CONNECTION (+) AND LATCHES ARE NOT TRANSMITTED THROUGH RIBBON CONNECTIONS. THESE CONNECTIONS MUST BE MADE, AT USER DISCRETION, TO TERMINALS.

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