

# Sigma Controls, Inc.

PROCESS CONTROLS AND INSTRUMENTATION



## 100S SERIES REMOTE TELEMETRY UNIT



### FEATURES

- Σ Microprocessor Based
- Σ 16 Status Indicating LED's
- Σ 1 Analog Input and Output  
(4-20MA) (Optional)
- Σ 8 Digital Inputs
- Σ 4 10A Relay Outputs
- Σ Removable Barrier Terminals
- Σ RS485 MODBUS® Port (Networkable)
- Σ Custom Programming Available
- Σ User Programmable
- Σ Din Rail Mount
- Σ 24 VDC Power

The Sigma Controls 100S series of remote telemetry units are microprocessor based devices used for remote communication and control over a wide variety of media including radio, data highway, telephone, etc.....

Utilized in pairs, these devices offer bi-directional communication and control between remote points. Local LED indicators offer local and remote input status and transmission information.

### SPECIFICATIONS

Power Supply	24VDC $\pm 20\%$ @ 4VS
Relay Output (4)	10A @ 120VAC 8A @ 30VDC
Input Switch	Open Circuit > 5VDC
Temperature Operating	-20°C to +60°C Storage -40°C to 85°C
Relay Life	Electrical 100K Cycles Mechanical 10,000K Cycles
Terminations	Removable Screw Terminal Barrier Strip
LED Indicators	16 ea.

### FEATURES

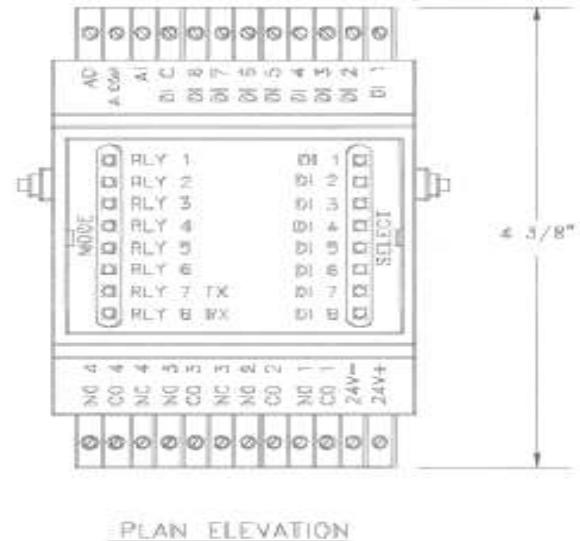
- Σ Status Indicators  
LED indicators provide for each control switch, each load relay and alarms.
- Σ Alarm Contact Output  
All models provide a 5A relay output of general alarm. (All system alarms)
- Σ DIN Rail Mounting  
and compression screw terminals.
- Σ RS485 MODBUS® Port  
with TX/RD LED indicators for SCADA applications.

VISIT OUR WEBSITE AT [SIGMACONTROLS.COM](http://SIGMACONTROLS.COM)

# 100S SERIES REMOTE TELEMETRY UNIT



END ELEVATION



PLAN ELEVATION



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