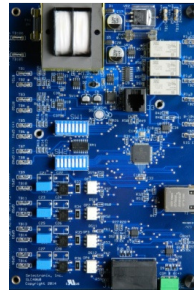


SLC4000 Touchscreen and Process Gateway Salient Features



The Selectronix Touchscreen gateway, Process gateway, and SLC4000 step controller provides a *low cost, scalable*, direct digital control for staged electric boilers, air duct heaters, and more!

Touch Screen Gateway (TSGW)

The *color touch screen* gateway provides an intuitive operator and communication interface for BACnet or Modbus based building management systems. Actively control and monitor the Process Gateway and the SLC4000 step controls.

The HMI from Red Lion is supported by their *free* Crimson 3.0 software for easy configuration and customization.

Touch Screen Gateway Features

- Provides interface to a building management system (BMS) using BACnet IP, Modbus TCP/IP, or Modbus serial protocols.
- **Security features to control access to data change capability**
- Enables remote data entry to simulate connection with the BMS for startup and testing, and alarm acknowledgment.
- Scalable to larger touch screens and additional capabilities

Touch Screen Gateway Accessible Data (Short List)

- Digital and analog input monitoring for alarm and control.
- PID parameters for PGW, including outdoor air reset settings.
- ****Enables tuning of the PID via the Internet, facilitating high performance and reducing amount of training****
- Local Step Command, Load Limit, and On Delay monitoring of SLC4000 step controllers.
- Relays that are energized and quantity of relays in-service.

Process Gateway (PGW)

1. BACnet MS/TP (2nd Qtr 2015)
2. **2 PID control loops**, 1 for temperature and 1 for general purpose signal transmitters.
3. Each PID set point may be modified by the 2nd RTD, analog sensor, or analog input. This feature implements Outdoor Air Reset. The PID parameters are field adjustable through the BMS.
4. 2 RTD channels are sensed with instrumentation amplifiers for accurate measurements.
5. 2 analog inputs for analog transmitters or analog signals.
6. 4 optically-isolated digital 120Vac/24Vac/24Vdc inputs with
 - a. Selectable logic combinations and configurable polarity
7. 3 relay outputs may be operated by selectable sources or set via the BMS
8. A 0-10V Voltage Driver is provided with selectable source signals

*******Made in USA*******

UL Recognized Component File E124742 for US and Canada!