



Datasheet

Pre-Wired Network Controller Panel (PL-PANEL-NC2000)

Description

The Prolon NC2000 Panel is a complete communications and interface package used to access and configure any Prolon control system, either locally or remotely. A seven-inch touchscreen display acts as a local interface to the system and is mounted into a steel enclosure which houses the pre-wired Prolon NC2000 Network Controller. The NC2000 is used to connect a Prolon system to the Internet, to send schedules to the controllers and distribute outside air temperature readings. It can also be used to record trend logs and to send email-based alerts upon user-configurable conditions.

Features

- Built-in 7-inch touchscreen display for local setup and monitoring
- Prolon Focus visualization and configuration software comes pre-installed
- Implements a password lockout system for standard and advanced user access
- Pre-wired panel equipped with fuses and clearly marked terminal blocks
- Allows for remote configuration of your Prolon system over the Internet
- Internal clock with up to 16 configurable weekly schedules and annual calendars
- Automatic adjustment for daylight savings and time synchronization over the Internet
- Keeps precise time without electricity for up to 10 days
- Onboard LEDs allows for quick diagnostics of power, communication and operation
- Shares outside air temperature and occupancy data between devices
- Sends email alerts based on user-configurable conditions
- Records up to 50 trend logs at the same time, saved onto a standard SD card

Technical Specifications

Supply: 24 VAC \pm 10%, 50/60 Hz, Class 2, 25 VA

Communication:

- Modbus TCP/IP (Static IP address or DHCP)
- Modbus RTU (RS485), 1 input port and 1 output port, up to 127 nodes
- USB

SD Card: Standard size only, SDSC or SDHC, FAT16 or FAT32

Panel Dimensions: 16" x 12" x 6" (406mm x 305mm x 152mm)

Environment: 32-122 °F (0-50 °C) Non-Condensing

NC2000 Certification: UL916 Energy Management Equipment, CAN/CSA-C22.2, FCC part 15:2012class B, RoHS