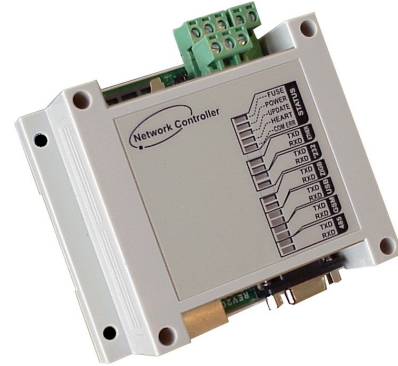# PROLON

Description

The NC-SCHED network scheduler is a communication module that performs three main functions. First, it is a converter that allows users to view their ProLon network from the internet or USB. Second, it manages the occupancy schedule and the outside temperature and distributes them to any ProLon controller on the network. Third, it can be configured to poll any ProLon controller on the network and send email-based alerts upon user-selectable conditions.

Advantages

- Modbus TCP/IP to serial converter allows remote configuration of your ProLon network
- Internal clock with up to 16 configurable weekly schedules and annual calendars
- Shares outside temperature data between devices
- Polls devices and sends email alerts based on user-configurable conditions
- Static IP address or DHCP
- Local connection to your PC via USB or RS232
- Automated and configurable daylight savings time
- Keeps precise time for 10 days without electricity and recharges in a matter of seconds
- Electrically isolated RS485 port

Technical Specifications

Supply: 24 VAC ±10%, 50/60 Hz

Consumption: 5 VA max

Indication lights (LED): State of the communication ports / Power supply / Microprocessor state

Microprocessor: ASIX AX11015, 8 bits, 25 MHz, 512 KB FLASH memory

Battery: Super-capacitor 0.5F, keeps precise time for 10 days

Communication:
- Modbus TCP/IP (Static IP address or DHCP)
- Modbus RTU (RS232)
- Modbus RTU (RS485), up to 127 nodes
- USB

Baud rate: 9600, 19200, 38400, 57600, 115200

Connections: Removable screw-type terminal blocks (16 AWG max) for power and RS485, modular RJ45 jack for Ethernet, DB9 connector and USB female type A for local PC connection

Dimensions: 120 mm x 115 mm (4.75" x 4.5")

Environment: 0-50 deg C (32-122 deg F)