

UNIVERSAL PROGRAMMABLE NETWORK RELAY MODULE



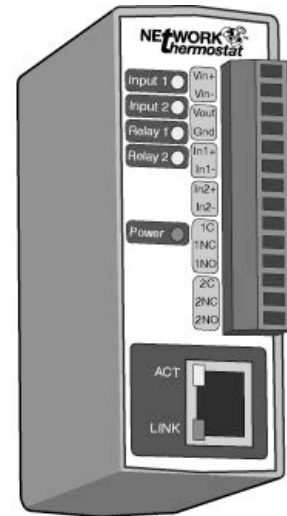
With 2 Independent SPDT Relays and 2 Digital Inputs for Relay Triggering

NT-RELAY

GENERAL DESCRIPTION

The NT-RELAY is an Ethernet based, high performance communicating relay module that has two electro-mechanical relays, two optically isolated digital inputs, non-volatile memory and a real-time clock/calendar for full scheduling. The NT-RELAY includes its own built-in web server, allowing it to be used as a stand-alone device, using a standard browser. It can also be used with the NetX™ Command Center PC software, allowing simple point and click status, control and scheduling in the familiar software environment.

The two digital inputs are associated with the two relays, allowing external alarms, photocells and switches to be used as inputs to trigger the relays in addition to the built in scheduling. A reference voltage is also supplied for the inputs, allowing for simple connections for most applications.



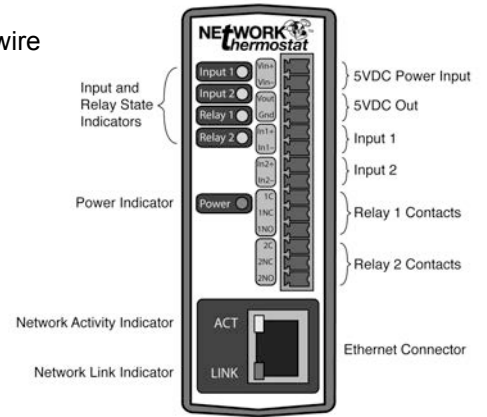
Standard Features

- Complete control, scheduling and status via any modern PC or Mac browser, including:
 - Internet Explorer
 - Firefox
 - Safari
 - Chrome
- Complete control, scheduling and status via NetX™ Command Center software version 4.6.0 or higher
- Password Protection for both setup and control
- Static IP address required, ensuring connection to the correct NT-RELAY module when multiple modules are installed in the same location or in the same NetX software project
- Status LEDs for each relay, each input, power and Ethernet connectivity and activity
- Integrated Modbus/IP control
- Up to 6 independent schedules per day
- Non-Volatile Memory for all schedules
- Battery backup included for the real time clock, with a minimum of 3 days of backup

Note : Specifications subject to change without notice.

Specifications

Power: 5VDC, 500mA max
Network: 10/100 Ethernet
Connectors: 14-position removable terminal strip for 16-28AWG wire
 Requires 2.5mm flathead screwdriver
Relays: Two (2) SPDT
 Max Voltage = 28VAC, 24VDC
 Max Current = 5A
Inputs: Two (2) Optically Isolated
 Voltage Range = 3-12VDC
 Current Range = 4.7 – 25mA
 Minimum Hold Time (high or low) = 20ms
Dimensions: 3.88" H x 1.4" W x 3.0" D (not including connector)
Operating Temp: -22°F (-30°C) to =149°F (+65°C)
Power Terminations: Vin+, Vin-
Reference Output: Vout, GND
Inputs: In1+, In1-, In2+, In2-
Relay Outputs: 1C, 1NC, 1NO, 2C, 2NC, 2NO



Typical Installations

