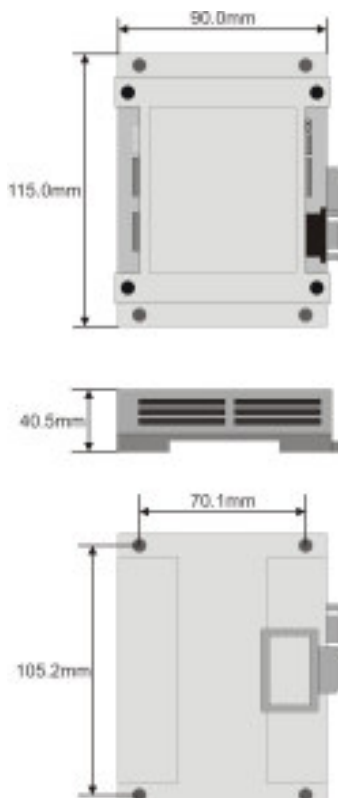


NWC

Technical Data

Power Supply	12-24Vac/dc +/-20%
Power Consumption	80mA at 24Vdc
Power Supply Protection	against polarity inversion
Dimensions	40,5 x 90 x 115mm (HxWxD)
Ambient Temperature	10-50C
Enclosure Rating	IP31
Material Enclosure	Flame Proof Plastic
Colour	Grey
Weight	180g
Conformity	CE-marked



Features

- Control up to 254 MPC
- Modbus Communication Protocol
- 2 Baudrate Settings: 9600bps and 19200bps
- Real Time Clock/Calender
- Integrated Daylight Savings
- Fully Programmable Schedule Scheme
- 20 Weekly Schedule,
16 Annual Schedule Assigned to any MPC
- No Volatile Clock/Calender setpoint Memory
- PC Communication: Ethernet or RS232 Port
- MPC Communication: RS485 Port or Xbus Port
- In System Programming over the Network

Design Features

The Network Controller can support up to 254 MPCs.

Communication options are 2 Input Com Ports (Ethernet or RS232) for PC and 2 Output Com Ports (RS485 or Xbus) for MPCs.

This device follows Modbus communication protocol and can be easily installed within existing systems.

The Network Controller includes a real time clock/calender and a large memory space, which allows customized scheduling needs to the end user.

Scheduling

Controller scheduling is a simple and effective method to gain full use of your HVAC system while saving time and money.

Knowing when to turn On and Off your HVAC system, changing temperature set point and having desirable temperature deadbands are simple methods to save energy.

Energy conversation experts say that you can save about 2 percent on your heating bill for each degree you lower your controller.

Setting your controller back 8 hours during nighttime can save tremendous amount.

Weekly scheduling provides the ability to adjust indoor temperature levels on a daily basis.

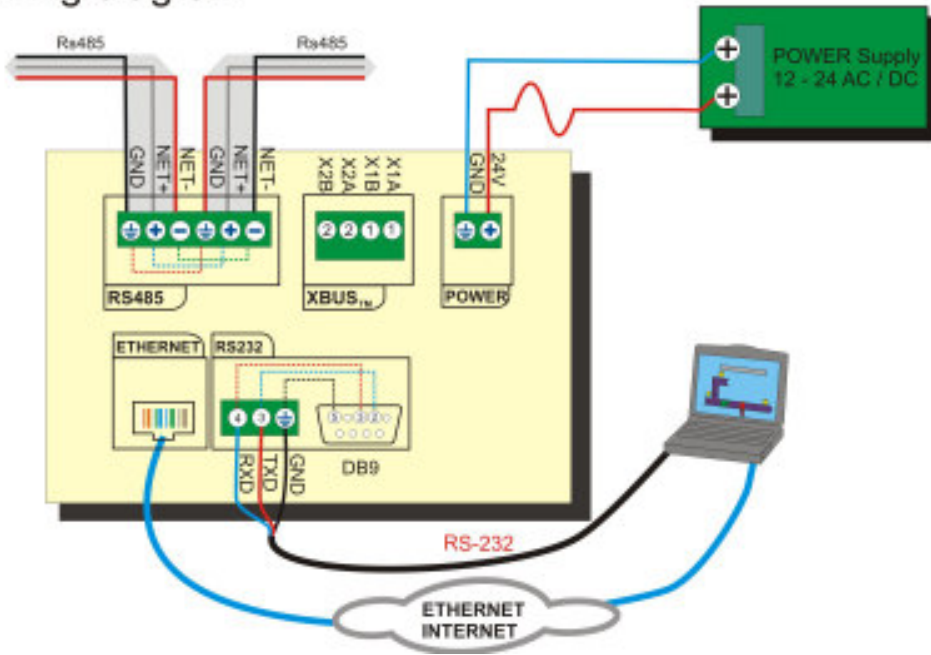
Settings such as when the room is typically occupied or unoccupied, their desired day time and night time set points contributes to a more efficient system.

Annual scheduling provides the flexibility to store special holidays where the need for high heating or cooling is deemed unnecessary.

Ordering

NWC Network Controller 24Vac/dc

Wiring diagram



Networking Capabilities

The Network Controller has a built-in network enabler module with its own TCP/IP ready microprocessor.

Connected to a hub its capabilities are only limited to the network.

Remote management easily becomes a possibility with this device.

