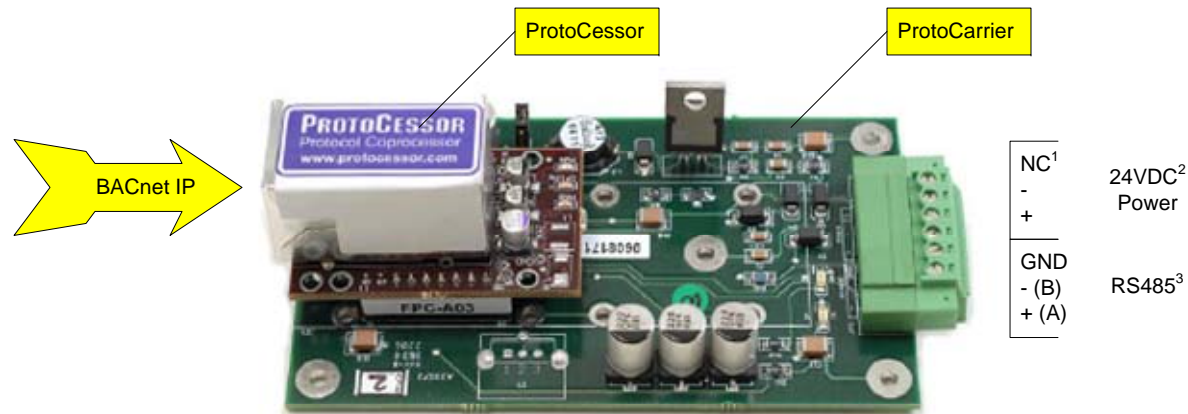


I) Orientation and Electrical Connections

BACnet IP

The following figure illustrates the correct BACnet IP bridge (ProtoCessor/ProtoCarrier) orientation and electrical connections. This is an older style bridge; most installations will use the BACnet MSTP/IP bridge shown in the next section.

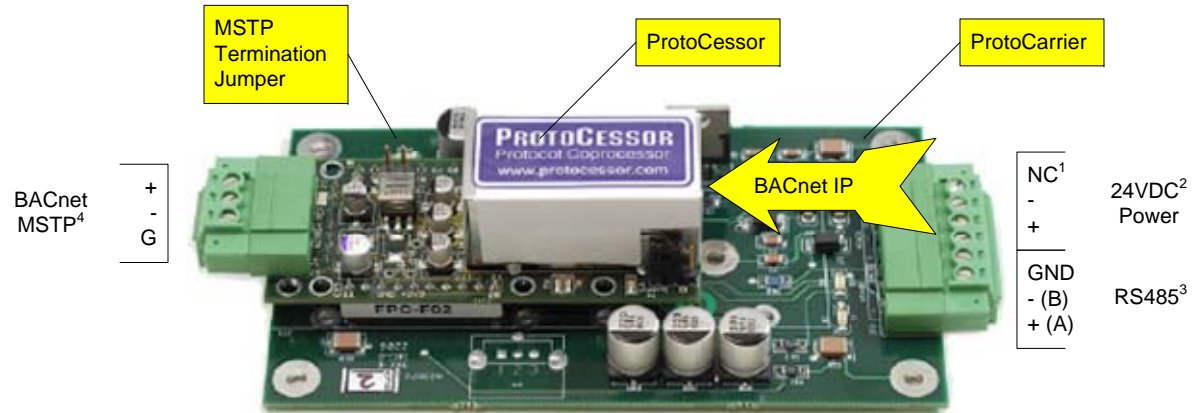


¹ No Connection.
² Power connection to 24VDC output on HeatNet board.
³ 3-wire RS485 connection to Modbus Port on HeatNet board.

Figure 1. BACnet IP bridge orientation and electrical connections.

BACnet MSTP/IP

The following figure illustrates the correct BACnet MSTP/IP bridge (ProtoCessor/ProtoCarrier) orientation and electrical connections.

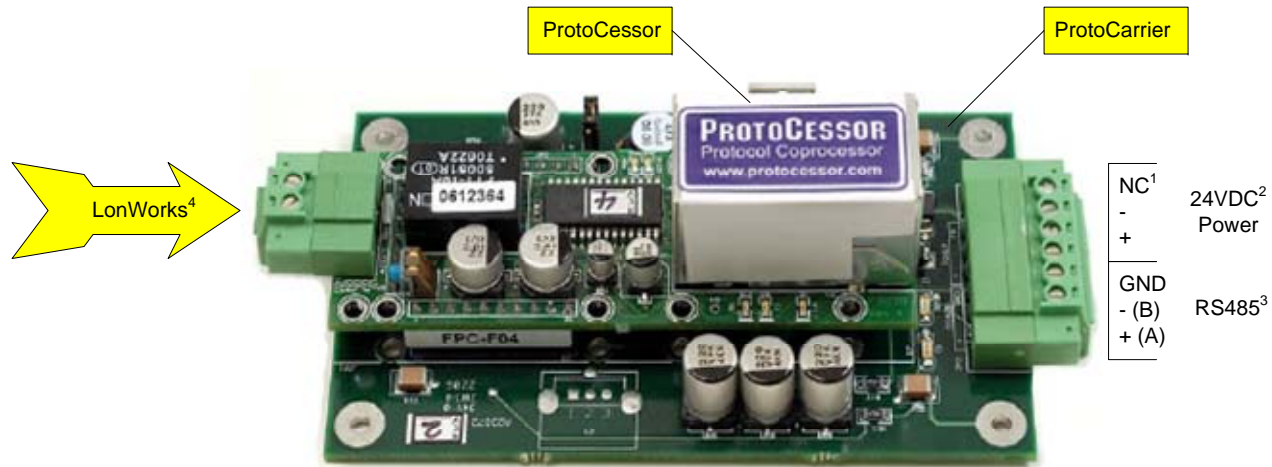


- ¹ No Connection.
- ² Power connection to 24VDC output on HeatNet board.
- ³ 3-wire RS485 connection to Modbus Port on HeatNet board.
- ⁴ 3-wire RS485 connection to BACnet network.

Figure 2. BACnet MSTP/IP bridge orientation and electrical connections.

LonWorks

The following figure illustrates the correct LonWorks bridge (ProtoCessor/ProtoCarrier) orientation and electrical connections.



- ¹ No Connection.
- ² Power connection to 24VDC output on HeatNet board.
- ³ 3-wire RS485 connection to Modbus Port on HeatNet board.
- ⁴ 2-wire connection to LonWorks network.

Figure 3. LonWorks bridge orientation and electrical connections.

II) Installation on HeatNet™ Boards that require a mounting plate (Rev 1.x)

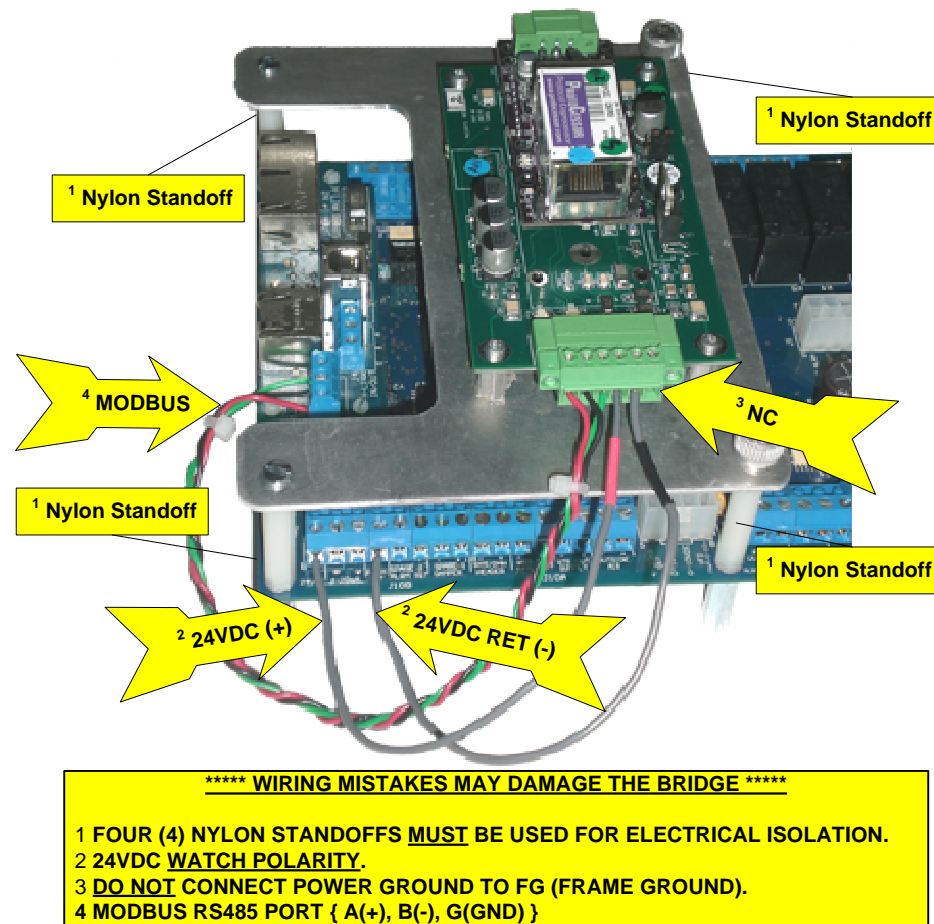


Figure 4. Mounting Plate

III) Installation on HeatNet™ Boards with an Integrated ProtoCessor Slot (Rev 2.x)

The following picture shows an example of a HeatNet™ board with an integrated ProtoCessor slot. To install a bridge, line up the U-shaped plug(s) on the bottom of the ProtoCessor with the U-shaped slot on the HeatNet™ board. For proper installation, the inner tabs of the plug must be broken off in the areas shown in yellow on the exploded view. This is normally done at the factory.

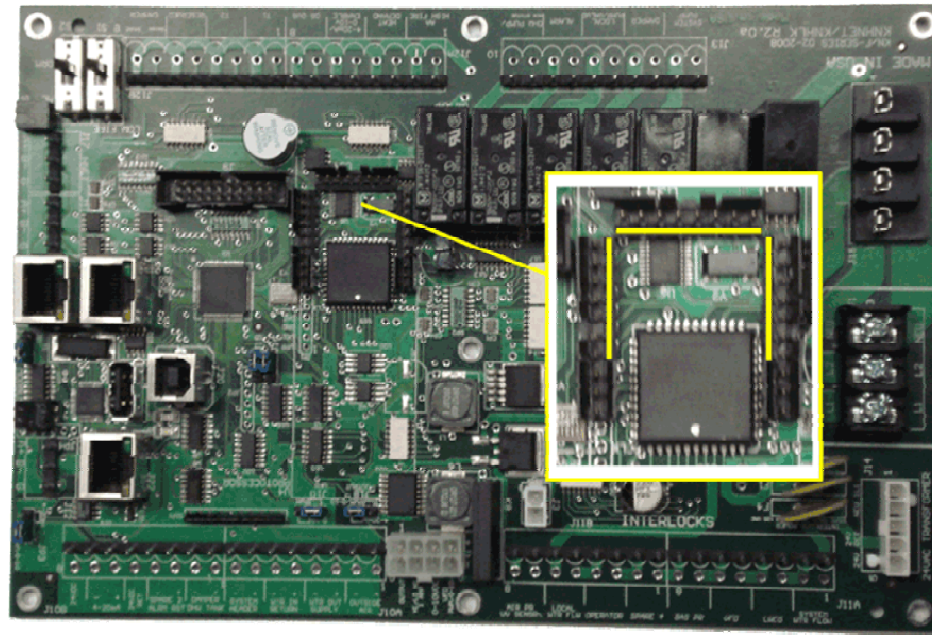


Figure 5. Board with Integrated Slot

The following picture shows a LonWorks bridge installed on a board with an integrated ProtoCessor slot.

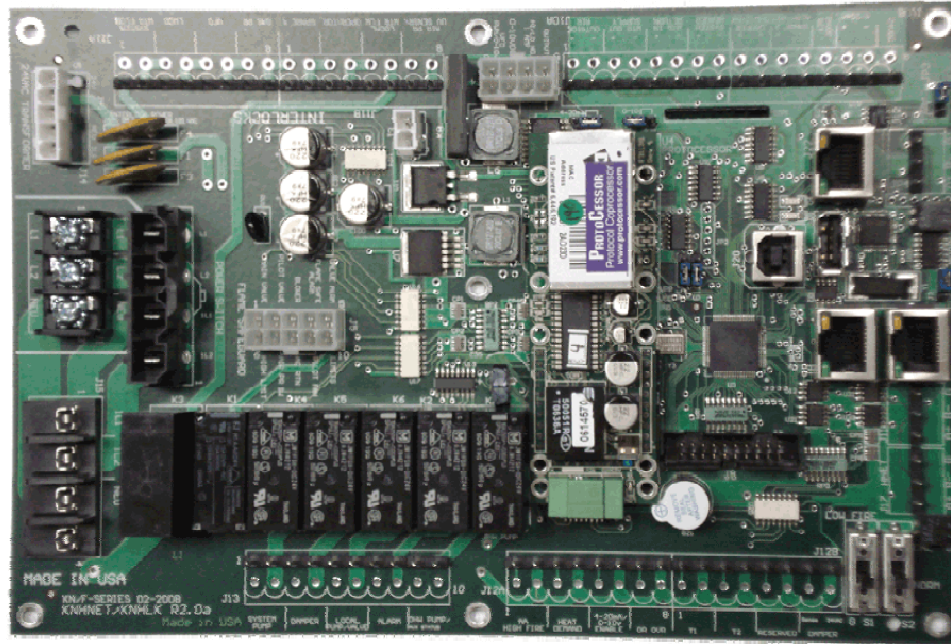


Figure 6. Installed (LonWorks) Bridge