

PT-Link (Protocol Translator)

Description

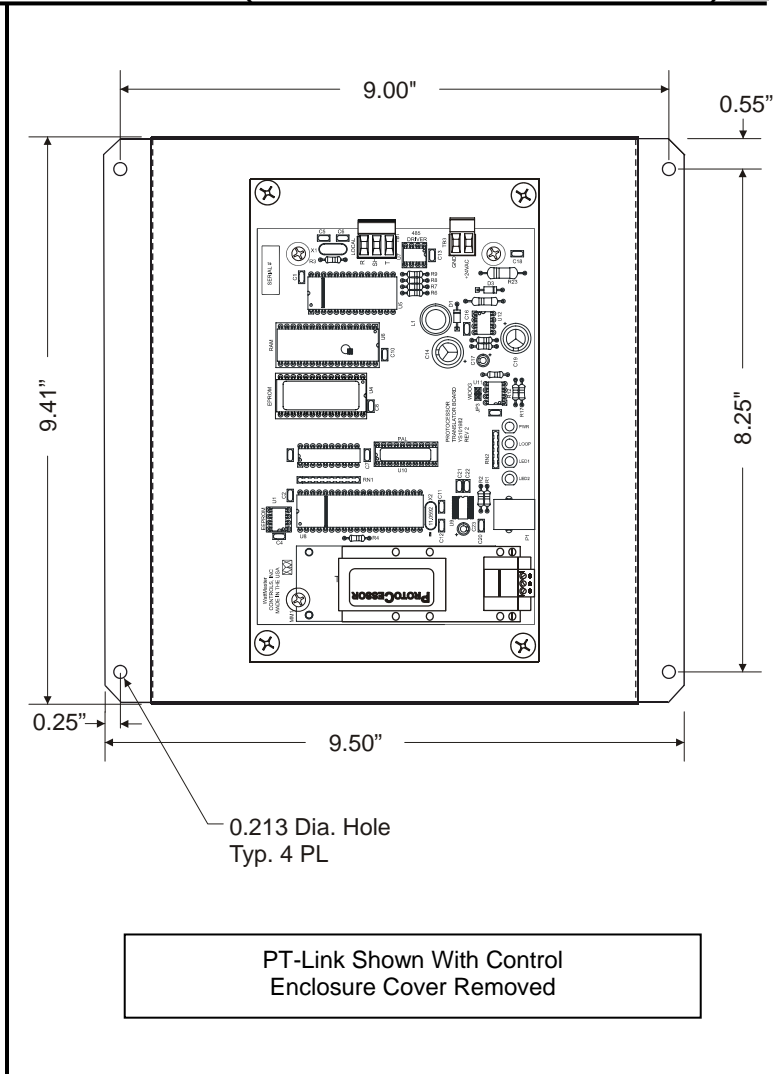
The OE368-22 PT-Link (Protocol Translator) is used to provide bi-directional translation of data and information between a specific communication protocol and the Orion HVAC unit controllers. Protocol specific plug in modules currently allow the PT-Link to communicate with BACnet®, LON®, and Johnson N2® protocol devices. The Orion PT-Link also provides you with the new WattMaster trademarked "Protocol Adaptability®" feature. This provides for integration with any future protocols that may be released by means of a simple plug-in module on the PT-Link.

The OE367-22 PT- Link is supplied complete with one communication protocol module installed.

The LON® version allows (1) Orion controller to be connected to the PT- Link Protocol Translator. The Johnson N2® and BACnet® protocols allow up to (4) Orion controllers to be connected to the PT- Link Protocol Translator. An unlimited number of individual PT-Link Protocol Translators can be used on your project.

The OE368-22 PT- Link provides the following features:

- The PT-Link can operate at Baud rates of 9600, 19200, 38400 or 76800 Baud as required by the specific protocol being used.
- Designed to provide values from points on the Orion controller side of the gateway to devices using other protocols as if the values were originating from the protocol device objects.
- Ability to allow devices with another protocol to modify point values on the Orion controller side of the gateway by using their standard protocol write services.
- Devices with another protocol can place the Orion Controller into occupied or unoccupied operation on the Orion controller side of the gateway by using their standard protocol write services.



Mounting

Supplied mounted in the EE000075-01 indoor rated control enclosure. This enclosure is provided with 4 mounting holes for wall mounting. It is recommended that the PT-Link be mounted indoors. Typically it is mounted in an equipment room inside the building, but can be mounted in any location that meets the operating temperature and humidity conditions listed below.

Technical Data		OE368-22 PT-Link	
Power	24 Volt AC	BACnet®, LON®, and Johnson N2® Protocol Communications	RS-485, 9600, 19200, 38400, 76800 Manually Selectable Baud Rates for Specified Protocol Requirements
Power Consumption	10 VA Maximum	Orion Controller Loop	RS-485, 9600 Baud
Operating Temp	10°F to 149°F	Specified Protocol Communications	Supports Specified Protocols Native Communication Format
Operating Humidity	90% RH Non-Condensing	Orion Controller Protocol Communications	HSI Open Protocol Token Passing
Weight	8 oz		
Three Year Warranty		WattMaster reserves the right to change specifications without notice	