



Overview

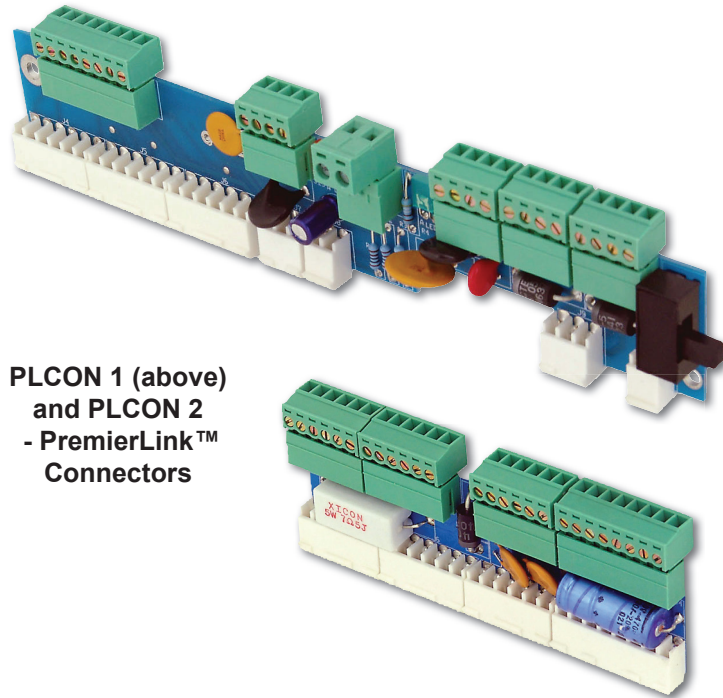
The PLCON modules are designed to simplify the field wiring of Carrier® PremierLink™ direct digital controllers. The modules provide an additional layer of protection for the controller, as well as a power ON/OFF switch and indicator light for future troubleshooting or controller resetting.

Field wiring is easier because the PLCON modules eliminate the need for special tools or hard-to-find connectors. All wires terminate in labeled, pluggable screw terminals on the PLCON so the only tools that a technician needs are a wire stripper and a small screwdriver.

The PLCON1 slips onto the power, communications, analog output and digital output connectors on the PremierLink™ controller. It includes a power ON/OFF switch, a power pilot light, a self-resetting 1.6 amp fuse and an MOV for an additional layer of protection against power surges.

The three communications connectors simplify system wiring and additional transient protection on the PLCON1 ensures reliable communications in the most challenging environments. A four-conductor plug on the PLCON1 provides power and feedback for the economizer actuator while the eight-pole connector provides termination for the relay outputs. A second transformer can be used to power the relay outputs by simply cutting a jumper wire on the PLCON1.

The PLCON2 module slips onto the analog and digital input connectors on the PremierLink™ controller. The PLCON2 provides a pluggable screw terminal for every input connection as well as a self-resetting 0.9 amp fuse for each air quality sensor.

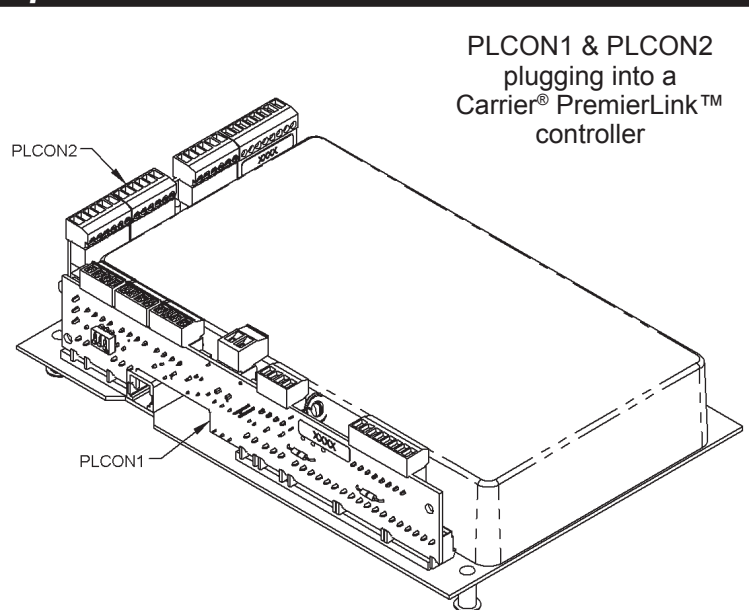


**PLCON 1 (above)
and PLCON 2
- PremierLink™
Connectors**

<u>Part Number</u>	<u>Description</u>
BA/PLCON1.....	PremierLink™ Connector 1
BA/PLCON2.....	PremierLink™ Connector 2

See end of Section G for list pricing.

Specifications



PLCON1 & PLCON2
plugging into a
Carrier® PremierLink™
controller

Input Voltage: 24 VAC
Input Current: 4 Amp max.

Carrier® is a trademark of Carrier Corporation, Registered in the United States and other countries.