WARNING: To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call Technical Support at 770-844-4200.

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**Hot-Swapping Information**

*WARNING:* This device cannot be Hot Swapped.

**IMPORTANT!**

I/O Wiring

Module Installation

1. To install, remove Connector Cover
2. Align expansion connectors, insert, and listen for "Click" as the lock engages

Dimensional Information

I/O Wiring

Thermocouple Input Circuits

Ungrounded/Shielded Thermocouple

Grounded/Shielded Thermocouple

Infrared Thermocouple

NOTE: Thermocouple extension wire and proper thermocouple terminal blocks must be used to extend thermocouples. AutomationDirect thermocouple wire is recommended.

Analog Voltage Input Circuits

Analog Current Output Specifications

Module Power

Backplane Power Consumption 0.3W
External DC Power Required Class 2 or LPS power supply 24VDC (≤20%) 125mA

Analog Current Source Output

mA Load

NOTE: Shield should be connected only at one end, to ground at the source device.

*An Edison S500-32-R 0.032A fast-acting fuse is recommended for all analog voltage inputs, analog outputs, and current loops.

NOTE: Shield should be connected only at one end, to ground at the source device.