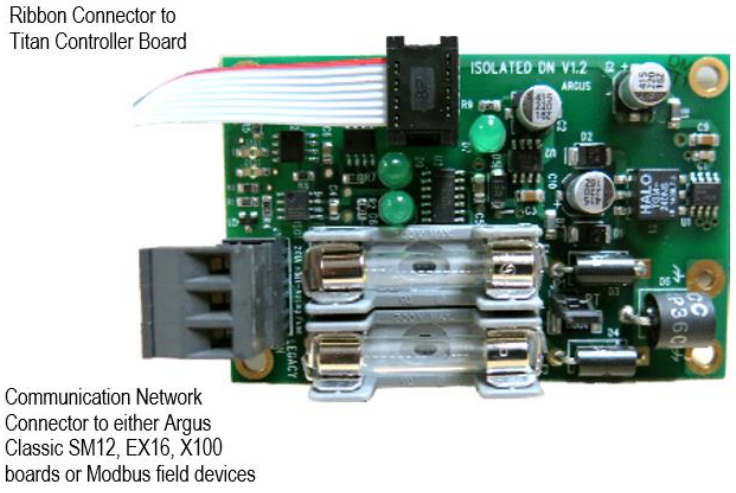
Isolated Device Network Board

The ISODN is an optically isolated RS-485 communications interface with integrated heavy-duty transient voltage protection (lightning protection).

It is used for interfacing an Argus Legacy device network or slaved Modbus devices to a Titan Controller Basic or Access Point (TC-BC-1.0 C or TC-AP-1.0C).

Applications



1. **Argus Classic to Titan upgrades**: Supports the connection of Argus Classic Device networks to Argus Titan controllers, enabling the continued use of existing I/O hardware.
2. **Modbus Interface**: Supports the connection of other RS-485 based networks (i.e. Modbus RTU, ebmBUS, etc.) to the Titan system.

Features

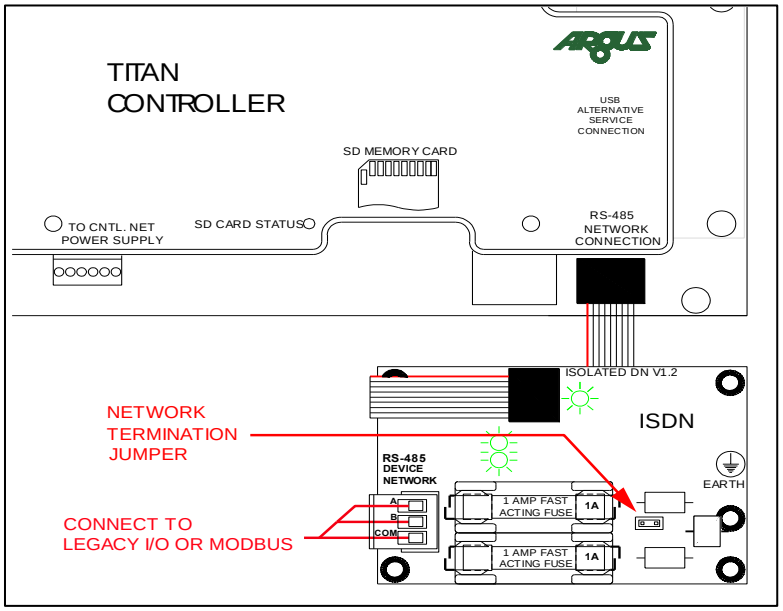
- Compatible with Argus Titan Controllers in 23" x 20" Standard Enclosures
- LED status lights indicate transmit/receive activity
- Easy to install in the field with DIP connector – controller mounting plates have a designated mounting location for this board
- Easy to replace, fast acting, heavy duty, fused lightning protection
- Powered through the controller connection
- An on-board jumper can be removed to disable the built-in 100 Ohm cable termination resistor. The 100 Ohm termination resistance was selected to match the typical impedance of the communications cables specified by Argus.
- Connector provides RS-485 A, B (signal) and COM (common) terminations.

PHONE: 604-538-3531 or 1-888-667-2091 (Canada and the US) - **FAX:** 604-538-4728 - **EMAIL:** argus@arguscontrols.com

Specifications

Dimensions	2” H x 3.25" W
Lightning Protection Fuse	1A fast-acting
Hardware Mounting	Mounting holes are predrilled on the back plate and machine screws are provided
Ground Connections	via the supplied mounting screws
Power Requirement	Power is provided via the ribbon cable from the connected Titan controller

Wiring Details



ISODN Application for Titan Systems

Example Wiring: For installation, always refer to the custom drawings supplied with the part.

Additional Information

For more information, please contact Argus.

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