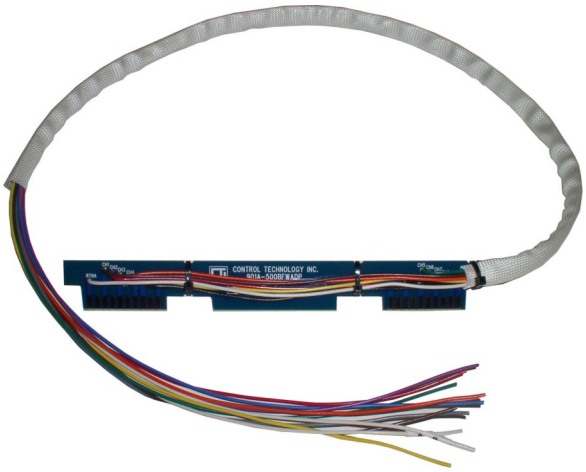
2500 Series® PLC System
Product Bulletin

2500-ADP2-DISC
Discrete Wiring Adaper for Series 500



Description
The 2500-ADP2-DISC is a wiring adapter which converts discrete I/O field wiring from the Series 500 base to the 40-pin connector used on CTI 2500 Series® I/O modules. This allows rapid upgrade of existing Series 500 systems to the newer and more supportable 2500 Series®.

Features
- Adapter card to plug into Series 500 base (picks up I/O signals from base wiring)
- 1 meter cable ready for termination to the 2500-40F connector on CTI I/O modules

Method A—Installing a new CTI 2500 Series® base adjacent to the existing Series 500 base

1. Remove power from the Series 500 base
2. Remove existing Series 500 I/O modules
3. Install a CTI 2500 Series® I/O base with required modules adjacent to the existing Series 500 I/O base.
4. Plug in 2500-ADP2-DISC adapters to the discrete I/O slots in the old Series 500 I/O base. Cable bundles should go downward.
5. Wire the 2500-ADP2-DISC cabling as required to the 2500-40F connectors on new 2500 Series® I/O modules (contact CTI for wiring diagrams for common Series 500 I/O modules)
6. Connect the 2500-40F connectors to the replacement 2500 Series® I/O modules
7. Return power to the base

Method B - Installing a new CTI 2500 Series® base on top of the existing Series 500 base

This method saves panel space by installing the new 2500 Series® base directly on top of the existing Series 500 base. It also employs the 2500-ADP2-DISC to convert wiring from the old Series 500 discrete I/O slots to new 2500 Series® I/O modules. Contact CTI for special mounting hardware required for this method.

Important Notes:

1. The 2500-ADP2-DISC supports conversion of Series 500 modules in which <u>all</u> I/O wiring is terminated at the I/O base. For modules with I/O connectors at top and/or bottom (ie 32 point discrete modules), the 2500-ADP2-DISC does not handle all the I/O signals.
2. The 2500-ADP2-DISC does not include the 2500-40F. The 2500-40F wiring connector for the 2500 Series IO Modules must be ordered as a separate line item.

Instructions

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