

## 2500-ADP1 Analog Wiring Adapter for Series 500



### Description

The 2500-ADP1 is a wiring adapter which converts analog field wiring from Series 500 base format to the 40-pin connector used on CTI 2500 Series™ analog I/O modules. This allows rapid upgrade of existing Series 500 systems to newer and more supportable 2500 Series™.

### Features

The 2500-ADP1 cable converts the following Field wiring:

- 500-5037A 8ch Analog In connector to a CTI 2558 8ch Analog In 40F connector.
- 500-5047A 8ch Analog Out connector to a CTI 2562 8ch Analog Out 40F connector.

### Instructions

#### Method A - Installing the new module into an I/O adapter in the existing Series 500 base

1. Remove power from the Series 500 base
2. Remove the 500-5037A/47A to be upgraded
3. Install the 2500-IADP in the slot where the 500 module was removed
4. Configure the 2558 / 2562 to match the 500 module to be replaced
5. Install the 2558 / 2562 into the 2500-IADP
6. Connect the Edge card connector of the 2500-ADP1 into the existing 5037A / 5047A field wiring connector (The silkscreen labeling on the Edge Card connector shows pin 1 and pin A. This should line up with pin 1 and pin A of the Field wiring connector)
7. Remove any 250 Ohm current resistors that may be installed in the 5037A / 5047A field wiring connector. They are not needed on the 2558 / 2562.
8. Connect the 40F connector to the 2558 / 2562.
9. Return power to the rack.

#### Method B - Installing the new module into a new 2500 Series™ base

1. Remove power from the Series 500 base.
2. Remove the 500-5037A/47A to be upgraded.
3. Configure the 2558 / 2562 to match the 500 module to be replaced.
4. Install the 2558 / 2562 into the 2500 Series™ base.
5. Connect the Edge card connector of the 2500-ADP1 into the existing 5037A / 5047A field wiring connector (The silkscreen labeling on the Edge Card connector shows pin 1 and pin A. This should line up with pin 1 and pin A of the Field wiring connector).
6. Remove any 250 Ohm current resistors that may be installed in the 5037A / 5047A field wiring connector. They are not needed on the 2558 / 2562.
7. Connect the 40F connector to the 2558 / 2562.
8. Return power to the rack.



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