

CTI 2500 Series[®] System Product Guide

Introducing our all-new Janus family of PACs: feature-rich, with IEC61131-compliant programming, yet backwards compatible



2500-C400
"Original" CPU



*CTI Janus PACs look from the past
to the future to ensure seamless
control for life*



2500P-J750
"Janus" CPU



Control Technology, Inc.

ROCK SOLID PERFORMANCE. TIMELESS COMPATIBILITY.



Series 500[®] System Support Products



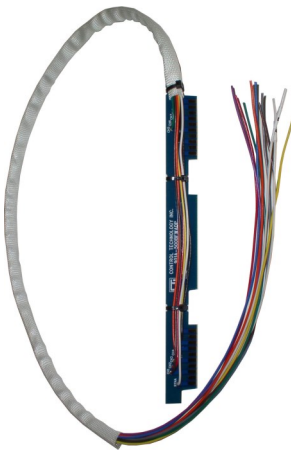
2500-ADP1 Analog Wiring Adapter for Series 500

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) to CTI 2558 (8ch Analog In) 2500-40F connector.
- 500-5047A (8ch Analog Out) to CTI 2562 (8ch Analog Out) 2500-40F connector



2500-ADP2-DISC Discrete Wiring Adapter for Series 500

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 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 2500- 40F connector on CTI I/O modules

2500-IADP I/O Adapter for Series 500

The 2500-IADP is an I/O Adapter which allows the use of CTI 2500 Series® I/O modules in Texas Instruments Series 500 I/O bases. It provides a transparent path for upgrading old Series 500 systems without the requirement to completely replace the system.



Features:

- Provides mechanical and electrical adaptation of CTI 2500 Series® I/O modules to operate in a Series 500 base
- Compatible with all CTI 2500 Series® discrete and analog I/O modules
- Allows replacement of failed Series 500 I/O modules with inexpensive and widely available CTI 2500 Series® modules

2500-PADP Power Supply Adapter for Series 500

The 2500-PADP is a Power Supply Adapter which allows the use of CTI 2500 Series® Power Supplies in Texas Instruments Series 500 I/O bases. It provides a transparent path for upgrading old Series 500 systems without the requirement to completely replace the system.



Features:

- Provides mechanical and electrical adaptation of CTI 2500 Series® power supplies to operate in a Series 500 base
- Compatible with all CTI 2500 Series® power supplies
- Allows replacement of failed Series 500 power supplies with inexpensive and widely available CTI 2500 Series® modules



2500-RADP RBC Adapter for Series 500

The 2500-RADP is an RBC Adapter which allows the use of CTI 2500 Series® Remote Base Controllers in Texas Instruments Series 500 I/O bases. It provides a transparent path for upgrading old Series 500 systems without the requirement to completely replace the system.

Features:

- Provides mechanical and electrical adaptation of CTI 2500 Series® RBCs to operate in a Series 500 base
- Includes an integrated 2500C-RBC-RS485 Remote Base Controller
- Compatible with all CTI 2500 Series® RBCs
- Allows replacement of failed Series 500 RBCs with inexpensive and widely available CTI 2500 Series® RBCs



2500C-PADP-120V 120VAC 50W Power Supply for Series 500

The 2500-PADP-120V has been designed to replace the Siemens/TI 500 Series Power Supply. It plugs directly into the base using the original 500 mounting design and requires no wiring changes. This power supply provides power for the CPU and all I/O modules plugged into the 500 Chassis.

Features:

- Series 500 base format
- Direct replacement for Siemens/TI 110/220 VAC 50/60Hz power supply
- Maximum 50watts backplane power
- 100mSec holdup time
- No wiring changes
- Allows replacement of failed Series 500 power supplies with inexpensive and widely available CTI 2500 Series® modules



2500C-RADP-RBC Compact Profibus Remote Base Controller Adapter

The 2500C-RADP-RBC is a Compact Profibus RBC Adapter which allows Texas Instruments Series 500 I/O bases to operate on Profibus. It provides a transparent path for upgrading old Series 500 systems without the requirement to completely replace the system.

Features:

- Series 500 base format
- Provides mechanical and electrical adaptation of CTI 2500 Series® Compact RBCs to operate in a Series 500 base
- Includes an integrated 2500C-RBC-PRF Profibus Remote Base Controller
- Allows you to plan system upgrades according to your budget
- Preserves your investment in replacement modules



2500C-RADP-RS485 Remote Base Controller Adapter

The 2500C-RADP-RS485 is a Compact RS485 RBC Adapter which allows a Texas Instruments Series 500 I/O base to function as a slave node on an RS-485 Remote I/O channel. It provides a transparent path for upgrading old Series 500 systems without the requirement to completely replace the system.

Features:

- Compatible with Series 500 I/O chassis
- Communication to a 2500 CPU at 2Mbit/second
- Maximum cable distance from CPU to RBC 1000m
- Supports discrete and analog I/O
- LED display for error codes and station address
- Includes RS232C port for remote programming of PLC from the RBC
- Allows you to plan system upgrades according to your budget
- Preserves your investment in replacement modules