

# 2500-RADP RBC Adapter for Series 500



## Description

The 2500-RADP is an RBC adapter which allows the use of CTI 2500 Series™ Processors and RBCs 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. Then, when your budget allows, you can plan a complete replacement of your system to CTI 2500 Series™ - *without losing your investment in the replaced Processors and RBCs.*

Failed Series 500 RBCs can be replaced with CTI 2500 Series™ RBCs, and Series 500 processors can be replaced with new CTI 2500 Series™ Processors. We have tested this replacement solution in systems containing Series 500 analog and digital I/O modules. Because of the difficulty in obtaining hardware, we are not able to test with the all various Series 500 special function modules which were available. If your application uses Series 500 special function modules, please contact CTI to discuss how we can verify support of your configuration.

*NOTE: the 2500 Series™ RBCs are approx 25mm wider than the old Series 500 RBC. Your panel must allow this additional clearance on the right side of the base.*

*NOTE: If your Series 500 system contains IOCCs and DBCs, these will need to be converted to operate on the RS485 I/O network on the CTI processor.*

## Features

- Series 500 base format
- Provides mechanical and electrical adaptation of CTI 2500 Series™ RBCs and Processors to operate in a Series 500 base
- Compatible with all CTI 2500 RBCs and Processors
- Allows replacement of failed 500-5114, 500-5114A, (CTI 2500-RIO) and 500-6870 (CTI 2500-RBC) RBCs with inexpensive and widely available CTI 2500 Series™ RBCs
- Allows you to plan system upgrades according to your budget



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## Compatibility Note

- If you use 2500-RADP with 500-5884 bases, you will need a special version of the 2500-RADP. Please contact CTI for assistance.

**WARNING:**

Disable all power to the Series 500 base before installing or removing the RBC Adapter. Failure to do so could cause damage to the equipment or injury to personnel.

Shipping weight: 3.0 lb

