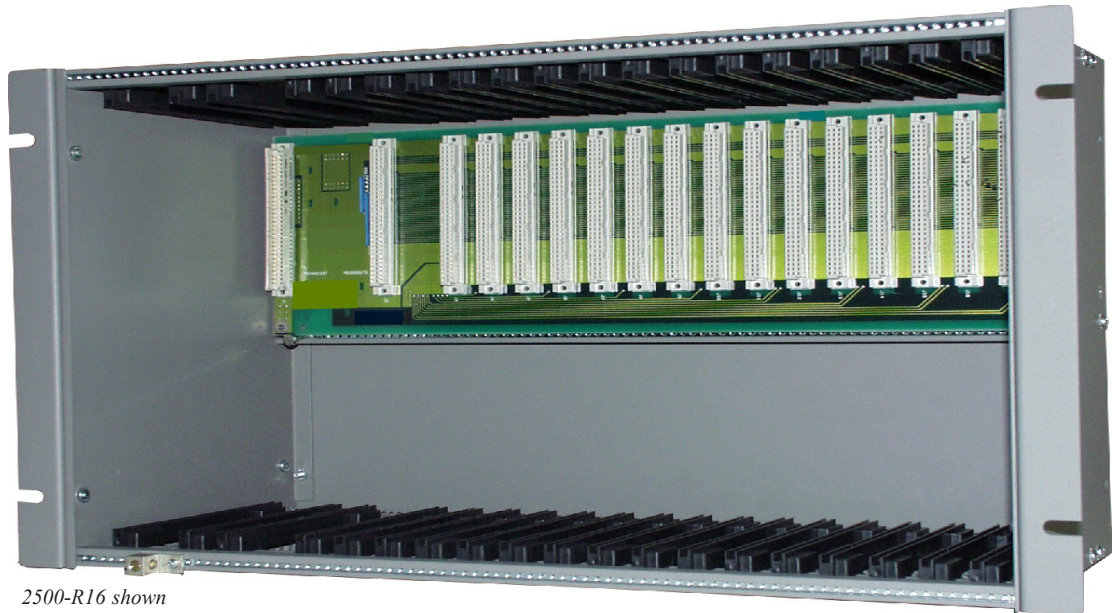


2500-R4 Four-Slot Base 2500-R8 Eight-Slot Base 2500-R16 Sixteen-Slot Base



2500-R16 shown

Description

The 2500-R4 / 2500-R8 / 2500-R16 bases provide four, eight, or sixteen slots for I/O modules in the SIMATIC® 505 or CTI 2500 Series platform. The bases provide space for a power supply, a CPU or RBC, and slots for up to four, eight, or sixteen I/O modules. The base may be mounted from the front or rear.

Features

- Replaces Siemens® 505-6504, 505-6508, or 505-6516
- Four, eight, or sixteen I/O slots
- Up to 128, 256, or 512 I/O points (4, 8, or 16 slot respectively)
- Mounts from the front or rear

Specifications

Mounting:

Front or rear mounting

Rack Size:

2500-R4: 8.02"W x 8.0"D x 10.47"H
204mm W x 203mm D x 266mm H

2500-R8: 11.22"W x 8.0"D x 10.47"H
285mm W x 203mm D x 266mm H

2500-R16: 17.62"W x 8.0"D x 10.47"H
448mm W x 203mm D x 266mm H

Operating Temperature:

0° to 60°C (32° to 140°F)

Storage Temperature:

-40° to 85°C (-40° to 185°F)

Relative Humidity:

5% to 95% (non-condensing)

Agency Approvals Pending:

UL/ULC, Class1-Div.2-Haz.Loc., CE

Shipping Weight:

2500-R4: 5.0 lb.(2.27 Kg)

2500-R8: 8.0 lb.(3.63 Kg)

2500-R16: 14.0 lb.(6.35 Kg)



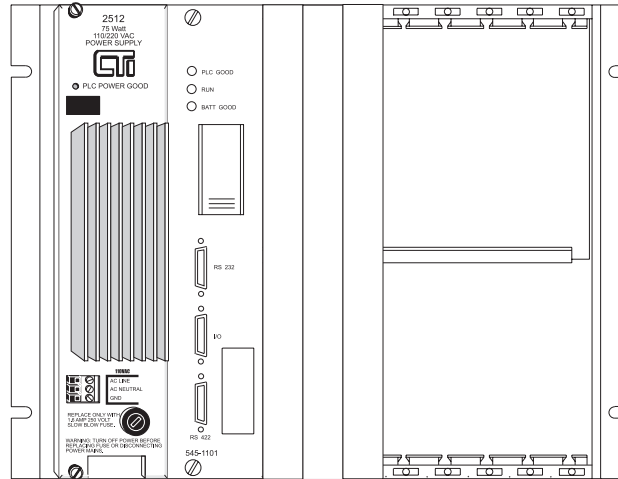
Control Technology Inc.

5734 Middlebrook Pike, Knoxville, TN 37921

Phone: 865/584-0440 Fax: 865/584-5720 www.controltechnology.com

Power Supply, CPU/RBC, and I/O Location in Base

The power supply must always be installed in the left most slot of the base. To the right of the power supply is a slot for a CPU or RBC. The remaining 4, 8 (shown below) or 16 slots are for I/O or communication modules.



WARNING:

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

CAUTION:

Use only CTI or Siemens® power supplies at their rated voltage. Damage to the backplane board and other system components could occur if out of range input voltage is applied.

Installing the Mounting Rack

Use the following steps for installing the mounting rack.

1. Determine if the rack will be mounted with front or rear mounts.
2. Locate the mounting ears in the appropriate front or rear locations with supplied hardware.
3. Mount the rack with screws in four 'ear' slots (screw hardware not included). Include sufficient distance from other heat sources to maximize convection airflow cooling.
4. Follow manufacturer's instructions for proper installation and removal of CPU, RBC, and I/O modules.

Note: For CTI Limited Product Warranty and RMA procedures please go to www.controltechnology.com/support.htm.