



The 2515-A is a 120/240VAC/VDC Power Supply designed for CTI 2500 Series and SIMATIC[®] 505[®] PLCs. The triple-wide module provides up to 100 watts at +5VDC for use by the PLC CPU and I/O modules. When operated in a dual configuration in a 2500-R11-A base, it provides support for power supply redundancy.

- CTI 2500 Series[®] or Simatic[®] 505 base format
- 90-264VAC, 47-63 Hz single-phase input power
- Up to 100 watts @ +5VDC to PLC CPU and I/O modules
- Works in CTI 2500-R11-A and Siemens[®] 505-6511 bases

One 3-pin 120VAC/125VDC input terminal strip

90-264VAC, 47-63Hz, single phase or 90-146VDC

100 Watts maximum output @ 0° C to 60° C

1.80 Amps max. @ 120VAC

1.0 Amps max. @ 220VAC

37 Amp. max. @ 240VAC input

2.5 Amp 250V, 3 AG front panel accessible

100mSec @ 75W load

1500VAC: 110/220 VAC-to-Backplane

500VDC: Chassis-to-Backplane

1500VAC: 110/220 VAC-to-Chassis

IEC 60950-1

Triple-wide

0° to 60° C (normal locations)

0° to 50° C (Class 1 Div 2 locations)

-40° to 85° C (-40° to 185° F)

5% to 95% (non-condensing)

UL, UL-Canada, Class 1 Div 2, CE

(Note: Approvals apply for VAC ranges only.)

5.0 lbs (2.3 kg)



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ROCK SOLID PERFORMANCE. TIMELESS COMPATIBILITY.

The 2515-A Power Supply can be installed in single configurations in standard bases (2500-R4, 2500-R8, 2500-R16-A, 2500P-R4, 2500P-R8, 2500P-R16). For redundancy, 2515-A must be installed in a dual configuration in a 2500-R11-A or 505-6511 base. The two power supplies are installed in the leftmost two slots as shown below. The Power Supply must always be installed in the left-most slot of the system base, as shown in the figure below.



2500-R11 Dual Media Base

Do not attempt to operate the 2515-A Power Supply out of the Input Voltage Operating Ranges of 90 to 264 VAC.

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

Use the following steps for installing and removing the 2515-A Power Supply from the system base.

1. Remove power from the power supply. NOTE: In single-supply systems this will shut down the PLC.
2. Loosen the top and bottom bezel screws.
3. Grasp the top and bottom of the power supply.
4. Carefully unplug and remove the power supply from the base.
5. Tighten top and bottom bezel screws into the base chassis.