

RT-AD Series Dual Redundant Power Supply

Dual redundant switch mode power supply

Flexible Dual Redundant Power Supply

Incorporates two high quality RTK switch mode power supplies

AC and DC input versions

Fully protected output

Typical hold up 20ms at 240VAC

Choice of output voltages

Input overload and reverse current protection

Sold in conjunction with many of the RTK industrial control and instrumentation products these Power Supplies will provide a stable and safe DC working voltage in industrial applications for many years. The RT-AD series is based on two RT series Power Supplies to give the customer a reliable dual redundant power module together with indication and relay output used to indicate PSU failure. Each independent power supply gives:

- Flexibility of Switched mode
- Compact and efficient
- Proven reliability
- Available for AC or DC supply voltage



Specification

AC supply versions

85-264VAC (120-370VDC)

DC supply versions

48VDC nominal 36-72VDC

110VDC nominal 72-144VDC

Output voltages

24VDC (standard), other ranges available to special order are 5, 12, 15VDC

Regulation

1 to 2% for all changes in line and load

Ripple and Noise

Typically 100mV

Over-voltage protection

115-135% of output voltage

Output Voltage adjustment

+/-10 to 15%

Hold up time

Typically 20ms at 240VAC

Dual Redundant 24VDC Power Supply Order Code		
O/P Watts	Supply (V)	Model No.
25W	L = 36-72VDC M = 72-144VDC H = 85-264VAC (120-370VdDC)	RT-AD-XY-25-24
40W		RT-AD-XY-40-24
60W		RT-AD-XY-60-24
100W		RT-AD-XY-100-24
150W		RT-AD-XY-150-24
200W		RT-AD-XY-200-24
320W		RT-AD-XY-320-24
Where X and Y define the two input supplies, using any combination of the three supply voltages shown above. Please note that if two dissimilar power supplies are used in a combination the overall unit power is derated to the lower of the two. See RT series datasheet for additional details of each Power Supply.		

Due to our policy of continuous product development, we reserve the right to amend specifications without notice.



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