

CPDDA42 CPU power supply module

CompactPCI CPU duplicated power supply DC 24 V input/5 V, 3.3 V supply



■ Outline

- * Input voltage
DC 24 V / -25% to +30%
- * Rated output voltage and current
DC 5 V × 0 to 8 A / DC 3.3 V × 0 to 4 A
- * Duplicated correspondence
Auctioneering diode (both 5 V, 3.3 V) built in
- * Compatible type
CPDDA41

ITEM	SPECIFICATION
Input voltage	DC 24 V / -25% to +30% (DC 18 V to 31.2 V)
Output voltage	DC 5 V × 0 to 8 A DC 3.3 V × 0 to 4 A
Efficiency	More than 58%
Alarm output	1a+1b contact/5 V, 3.3 V each output
Indicator	LED × 2 5 V output voltage normal 3.3 V output voltage normal
Check terminal	5 V × 1, 3.3 V × 1 (Auctioneering diode downstream)
Output voltage adjustable range	Rated voltage ±10%
Output protection	Over voltage protection (Manual reset) Over current protection (Automatic reset)
Environmental conditions	(Operating) Temperature: 0 to 55°C Humidity: 20 to 90% RH (No condensation) (Storage) Temperature: -40 to 70°C Humidity: 10 to 95% RH (No condensation)
Dielectric strength	AC 1000 V Between primary-secondary (1 min.) AC 1000 V Between primary-case (1 min.) AC 500 V Between secondary-case (1 min.)
Isolation resistance	More than 10 MΩ (DC 500 V Mega)
Dimensions	165 mm (D) × 173 mm (H) × 81 mm (W)



Electric shock warning sign



High temperature warning sign

<About electric shock and high temperature warning sign>
Since the board of this product contains a high voltage circuit and there is a high temperature part, there is a danger of electric shock or burn during maintenance work. For this reason, products are marked with electric shock and high temperature warning signs as shown on the left. Please handle with the following points in mind.

- For the handling of this product, please read the User's Guide thoroughly and follow the precautions.
- During operation of this product, please do not intentionally touch the board part of this product from the opening.
- Please do not touch the board part of this product until the internal charge electric charge is discharged (about 10 seconds after turning off the power supply) after pulling out this product during maintenance and replacement.
- During maintenance and replacement, the internal boards and parts are hot, so do not touch them directly, please handle this product carefully.

When using, please read the instruction manual attached to the product carefully and use it properly.
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