



Primary Switched Power Supplies



Part No.	Type	Description
722995	CPSB2-120-24	Power Supply - Regulated 120 W 1 / 2 - phase

Input

Nominal voltage	AC 200 - 500 V
Operation voltage range	AC 187 - 550 V / DC 270 - 725 V
Line frequency	47 - 63 Hz
Rated current	$U_i = AC 200 V: 1.4 A / U_i = AC 500 V: 0.7A$
Inrush current	<20 A (AC 230 V), <40 A (AC 500 V)
Internal fuse	-
External fuse	Automatic: D 6 A / safety fuse: T 4 A (required)
Power Factor Correction	<0.55

Output

Rated voltage output	DC 24 V
Rated current output	5 A @ 45°C
Max. output current	<7.5 A, <30 sec
Short-circuit current	<14 a, 400 ms
Voltage trim range	23-27,5 V

General

Operating temperature	-20°C - 70°C
Derating	<45°C: -4 W / °C
Dimension (mm)	40.0 (W) x 130.0 (H) x 115.0 (D)
Housing material	Aluminum
Protection class	IP20
Termination	Screw terminal: 0.2 - 2.5mm ² (AWG 24 - 12) pluggable
Approvals	UL, cUL: UL508, IEC 60950

- Switch mode power supply
- Wide range: Input AC 187 – 550 V, DC 270 – 725 V
- DIN rail mountable
- Pluggable screw type terminal blocks
- Energy efficient
- Extremely compact

For more information, please call ECD at 847-516-2524





Primary Switched Power Supplies



Part No.	Type	Description
722996	CPSB2-123-240-24	Power Supply - Regulated 240 W 1 / 2 / 3 - phase

Input

Nominal voltage	AC 200 - 500 V
Operation voltage range	AC 187 - 550 V / DC 250 - 725 V (UL: DC 300 - 500 V)
Line frequency	47 - 63 Hz
Rated current	1-/2 phase @ AC 220 V: 2.2 A, 1-/2 phase @ AC 500 V: 1.1 A 3-phase @ AC 220 V: 1.5 A, 3-phase @ AC 500 V: 0.8 A
Inrush current	<20 A (AC 230 V), <40 A (AC 500 V)
Internal fuse	-
External fuse	Automatic: D 4 A, C 6 A / safety fuse: T 6.3 A (required)
Power Factor Correction	<0.60 @ AC 230 V, <0.5 @ AC 400 V

- Switch mode power supply
- Wide range: Input
AC 187 – 550 V,
DC 250 – 725 V
- DIN rail mountable
- Pluggable screw type terminal blocks
- Energy efficient
- Extremely compact

Output

Rated voltage output	DC 24 V
Rated current output	10 A
Max. output current	<15 A, 5 s
Short-circuit current	38 A, 5 s
Voltage trim range	23-27,5 V

General

Operating temperature	-20°C - 60°C
Derating	-6 W / °C from +50 °C
Dimension (mm)	54.0 (W) x 130.0 (H) x 115.0 (D)
Housing material	Aluminum
Protection class	IP20
Termination	Screw terminal: 0.2 - 2.5mm ² (AWG 30 - 12) pluggable
Approvals	UL, cUL: UL508, IEC 60950

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