

Compact 5, 12, 15, 24VDC Switching Power Supplies



Output Voltage Adjustment - Minimum of $\pm 5\%$ / High Precision (10 turn) Adjustment

- Critical in continuous paralleling applications to extend the power supply life
- Eases correcting for voltage drop/line loss

Input Fuse - Replaceable Front-Panel Mounted Industry Standard 5 x 20mm Input Fuse

- No additional labor required to replace input fuses
- Protects input line from excessive current draw

Power Good LED - LED on Front Panel Indicates Output is Operating

- Visual output status reduces system troubleshooting time

Compact Design - Narrow Design is Up to 50% Smaller Than Alternative Designs

- Less DIN rail space required
- Smaller control cabinets/enclosures can be used

Low Operating Temperature - Housing Design Keeps Internal Components Cooler

- Better product life
- Less thermal management concerns

Easy Installation - All Specifications On Front Panel

- No searching for power ratings, approvals, etc.
- Pluggable terminal blocks speed installation & removal

Long Warranty - Three Year Product Warranty

- High reliability design offers longest standard warranty

Auto-Ranging Input - Wide Range Technology Input

- No set-up, jumpers or switches to deal with
- One power supply for 100-240 VAC or 110-220 VDC applications
- Better stability with highly variable input voltage
- Three-phase input available

Wide Product Range - 1 Amp to 20 Amp Output Ratings

- One product family satisfies most customer applications

Input Circuit Protection - Over-Voltage Protection With Input MOV

- Power supply is protected from input voltage surges

Output Overload Protection - Over-Current "Hiccup" or "Constant Current" Protection

- Power supply automatically resets after output overload or short circuit is corrected - saves time

Parallelable Versions - Built-in Protection Diode and Power Fail Alarm Contact

- Eliminates external diodes when used in a redundant application, or to double output power
- Alarm contact sends signal to controller prior to output interruption

Safety, Emissions & EMI/RFI Immunity -

Approvals Meet UL1950, UL508C, CSA, CE, EN50081-1, EN50082-2, EN61000-4-2, EN61000-4-4, EN 60950, IEC950

- No electrical emissions or immunity concerns
- Do not have to derate by 50%

Power Factor Correction - >95% on 12 and 20 Amp Models

- Less power consumption
- Less conducted harmonics

Rugged/Fully Enclosed Housing - All Metal Touch-Safe Housing

- Strong DIN rail mounting bracket
- No additional brackets or shrouds required

POWER SUPPLY SELECTION GUIDE

Output Voltage	Output Voltage Adjustment	Output Current	Input Voltage	Dimensions H x W x D	Type No.
+/- 12 VDC	N/A	2 x 0.5 A	90 - 264 VAC	3.15" x 1.38" x 5.24"	CS5
+/- 15 VDC	N/A	2 x 0.5 A	90 - 264 VAC	3.15" x 1.38" x 5.24"	CS6
5 VDC	N/A	1 A	90 - 264 VAC	3.15" x 1.38" x 5.24"	CS1
12 VDC	N/A	1 A	90 - 264 VAC	3.15" x 1.38" x 5.24"	CS2
15 VDC	N/A	1 A	90 - 264 VAC	3.15" x 1.38" x 5.24"	CS3
24 VDC	N/A	1 A	90 - 264 VAC	3.15" x 1.38" x 5.24"	CS4
24 VDC	+/- 5%	2.5 A	90 - 264 VAC	3.54" x 1.97" x 4.45"	CS224/90-264
24 VDC	+/- 5%	4.0 A	90 - 264 VAC	4.92" x 2.17" x 5.12"	CS424/90-264
24 VDC	+/-5%	6.0 A	90 - 264 VAC	4.92" x 2.17" x 5.12"	CS624/90-264N
24 VDC	+/-5%	6.0 A	90 - 264 VAC	4.92" x 2.17" x 5.12"	CS624/90-264P
24 VDC	+/-5%	10 A	90 - 264 VAC	5.91" x 2.95" x 5.12"	CS1024/120-230
24 VDC	+/-5%	12 A	90 - 264 VAC	5.63" x 4.53" x 6.42"	CS1224/90-264
24 VDC	+/-5%	12 A	90 - 264 VAC	5.63" x 4.53" x 6.42"	CS1224/90-264P
24 VDC	+/-5%	12 A	3 ϕ , 340-480 VAC	4.84" x 8.78" x 6.10"	CS12/400
24 VDC	+/-5%	20 A	90 - 264 VAC	5.51" x 8.46" x 6.50"	CS2024/90-264
24 VDC	+/-5%	20 A	90 - 264 VAC	5.51" x 8.46" x 6.50"	CS2024/90-264P
24 VDC	+/-5%	20 A	3 ϕ , 340-480 VAC	4.84" x 8.78" x 6.10"	CS20/400

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