

Access Control Power Supply

EAP-5D1Q

1 Output, 5A@12VDC, 2.5A@24VDC

EAP-5D5Q

5 Outputs, 5A@12VDC, 2.5A@24VDC

EAP-5D1MQ

Power Supply PC Board only

Features:

- AC Power failure supervision relay
- Battery failure / low battery supervision relay
- DC Power failure supervision relay (EAP-5D5Q only)
- Auxiliary output relay
- Relays rated 3A@24VDC, 3A@120VAC
- Adjustable voltage range to compensate for voltage drop
- Built-in backup battery charger (battery not included)
- Selectable 2.2k Ω End-of-Line (EOL) resistor for AC failure and battery failure supervision relays via DIP switch
- Selectable delay timer (5 seconds, 5 minutes, 5 hours) for AC failure supervision relay via DIP switch
- LED Status indicator for AC input, DC output and channel outputs

Power:

- Operating Input voltage: 110~240 VAC
- Field-selectable 12 or 24 VDC output
- Total continuous output current: 5A@12VDC, 2.5A@24VDC
- Individually fused power output (PTC-type fuses) rated at 1.1A, fail-safe or fail-secure modes (EAP-5D5Q only)
- AC Input fuse rated at 3.15A

Enclosure (EAP-5D1Q and EAP-5D5Q only):

- Heavy-duty steel case with ventilation holes
- Enclosure large enough to fit two (2) 12V/12Ah batteries
- Removable steel cover for easy access to power connections
- 6ft Power cord and battery leads included
- Dimensions: 14¹³/₁₆"x14⁵/₁₆"x4¹/₈" (377x363x105 mm)



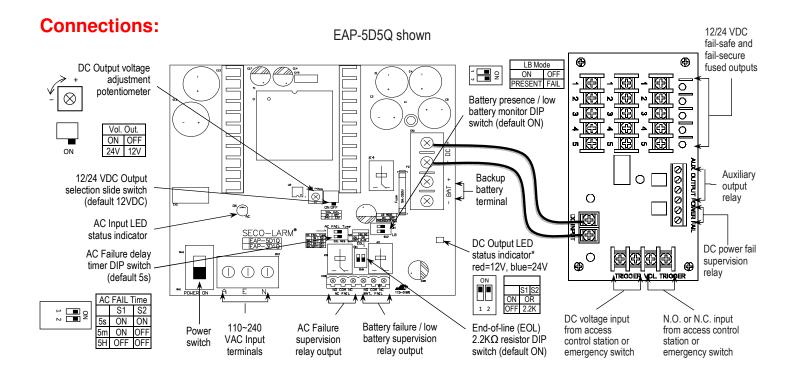




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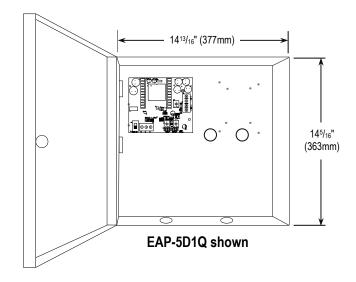
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*Built-in output overload protection – If an overload occurs, the motherboard's output voltage output will drop. The voltage drop will depend on the extent of the overload. The greater the overload the greater the voltage drop. If the overload is extensive, the voltage output will become intermittent and the red LED will start flashing. When the overload is removed, the mainboard will automatically restart normal output. If an output short-circuit occurs, the motherboard will automatically shut the output down and the red LED will turn off. When the short-circuit is removed, the motherboard will automatically come back on line.

Dimensions:



Specifications:

Model		EAP-5D1Q	EAP-5D5Q
Input Voltage		110~240 VAC	
Output Voltage		12/24 VDC (selectable)	
Output voltage range (adjustable)	12VDC	12~13	
	24VDC	23~25	
LED status indicator	DC	Red=12VDC, blue=24VDC for each output	
	AC	Green, input	
Current rating		5A@12VDC, 2.5A@24VDC	
AC input fuse rating		3.15A	
AC power cord		6ft (1.8m)	
Operating humidity		85% maximum	
Operating temperature		-4°~149° F (-20°~65° C)	
End-of-Line resistor		2.2kΩ	
Dimensions		14 ¹³ / ₁₆ "x14 ⁵ / ₁₆ "x4 ¹ / ₈ " (377x363x105 mm)	

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