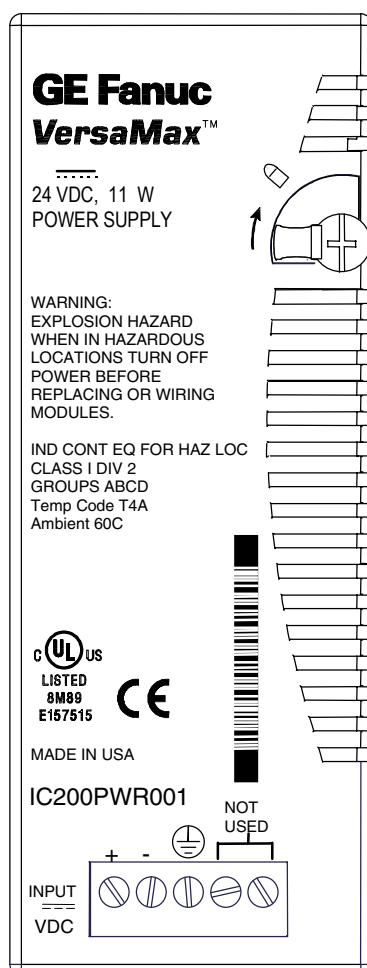


3

IC200PWR001 24VDC Power Supply

24VDC Power Supply IC200PWR001 provides backplane power for CPU, NIU, and I/O modules. It supplies up to 1.5 Amps output current via 3.3 volt and 5 volt outputs, with up to 0.25 Amp on the 3.3 Volt output. This is ample power for most installations. Module backplane current consumption is summarized in appendix C.



When mounted on the CPU or NIU module, it serves as the main power supply for the station. It can also be used as a supplemental power supply when mounted on a Power Supply Booster Carrier. Refer to the Power Supply Booster Carrier section of chapter 4 for more information.

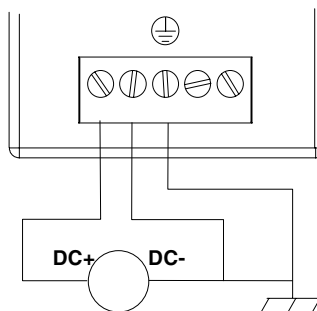
IC200PWR001
24VDC Power Supply**Specifications**

Input Voltage	18 to 30VDC, 24VDC nominal
Input Power	11W
Holdup Time	10ms
Inrush Current	20A at 24VDC 25A at 30 VDC
Output Voltage	5VDC, 3.3VDC
Protection	Short circuit, overload, reverse polarity
Output Current	
Total	1.5A maximum●
3.3VDC Output	0.25A maximum
5VDC Output	(1.5A - I _{3.3V}) maximum

- The total output current should not exceed 1.5A. For example, if 3.3V @ 0.25A is required, 1.25A is available on the 5V output.

Wiring

DC- must be grounded to frame / earth ground. DC- is grounded to frame internally in the Power Supply. As a result, floating power supplies cannot be used.



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