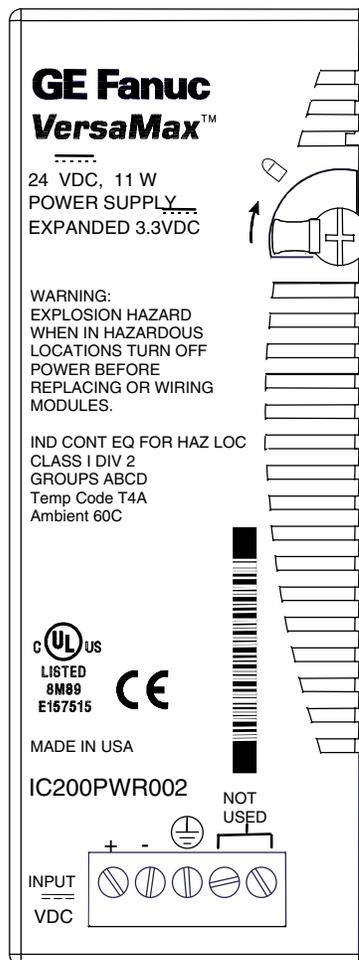


### IC200PWR002 24VDC Expanded 3.3 V Power Supply

24VDC Expanded 3.3V Power Supply IC200PWR002 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 1.0 Amp on the 3.3 Volt output. 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.

**IC200PWR002**  
**24VDC Expanded 3.3 V Power Supply**

**Specifications**

Input Voltage	18 to 30 VDC, 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 3.3VDC Output 5VDC Output	1.5A maximum● 1.0A maximum (1.5A - I <sub>3.3V</sub> ) maximum

- The total output current should not exceed 1.5A. For example, if 3.3V @ 1.0A is required, 0.5A 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.

