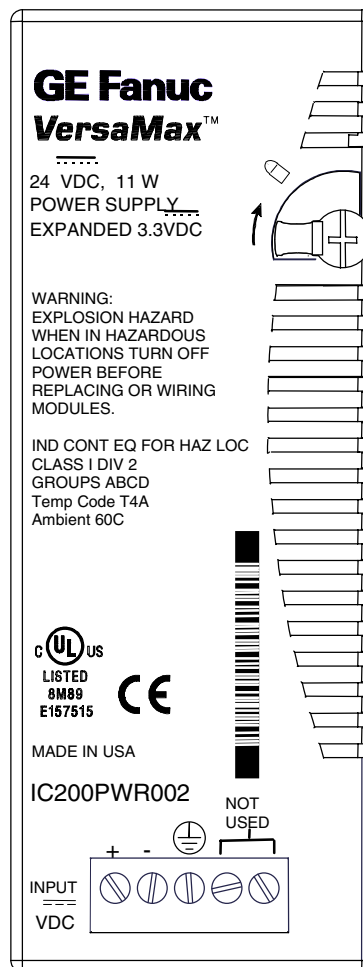


### **IC200PWR002** **24VDC Expanded 3.3 V Power Supply**

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<br>25A at 30 VDC                                 |
| Output Voltage                                          | 5VDC, 3.3VDC                                                  |
| Protection                                              | Short circuit, overload, reverse polarity                     |
| Output Current<br>Total<br>3.3VDC Output<br>5VDC Output | 1.5A maximum●<br>1.0A maximum<br>(1.5A - $I_{3.3V}$ ) 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.

