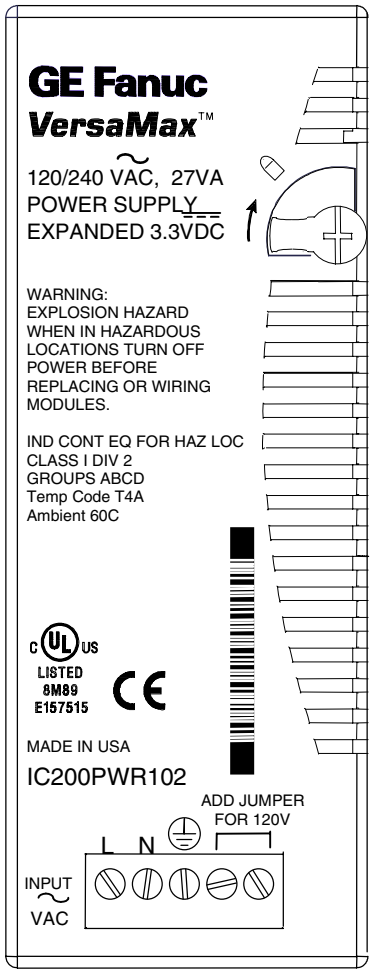
IC200PWR102
120/240VAC Expanded 3.3V Power Supply

120/240VAC Expanded 3.3 Power Supply IC200PWR102 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 3.3V output. Module backplane current consumption is summarized in appendix C.



When mounted on the CPU or NIU module, this power supply 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.

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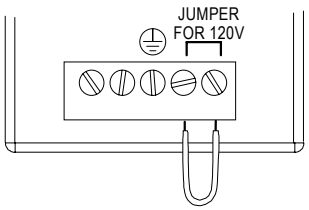
Specifications

Input Voltage	85 to 132 VAC with jumper installed, 120VAC nominal 176 to 264 VAC w/o jumper installed, 240VAC nominal
Input Power	27VA
Frequency	47 to 63Hz
Holdup Time	20ms
Output Voltage	5VDC, 3.3 VDC
Protection	Short circuit, overload
Output Current Total 3.3VDC Output 5VDC Output	 1.5A maximum● 1.0A maximum (1.5A - $I_{3.3V}$) maximum

- The total output current should not exceed 1.5 A. For example, if 3.3V @ 1.0 A is required, 0.5 A is available on the 5V output.

Jumper Selection of 120VAC or 240VAC

This power supply can be used with either 120VAC or 240VAC nominal input power. For 120VAC nominal operation, a jumper should be installed as marked on the power supply.



The power supply operates without a jumper installed; however, the hold-up specification is not met. If a jumper is not installed for 120VAC operation, the power supply will not cause hazardous conditions.

WARNING:

DO NOT USE A JUMPER FOR 240VAC OPERATION. If a jumper is used on the input connector for 240VAC nominal operation, the power supply will be damaged and may cause hazardous conditions.