GE Versamax Series Service Manual

IC200PWR001

1. Description

The GE Fanuc IC200PWR001 module is a 24 Volts DC power supply input module from the Versamax series. It has an input voltage of 24 Volts DC and an output voltage of 3.3 Volts DC and 5 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200PWR001**
Product	**Type DC Power Supply**
Input	**Voltage 24 Volts DC**
Output	**Voltage 5 Volts DC and 3.3 Volts DC**
Input	**Power 11 Watts**
Holdup	**Time 10 Milliseconds**
Inrush	**Current 20 A at 24 VDC and 25 A at 30 VDC**
Protection	**Short circuit, overload, reverse polarity**
Total	**Output 1.5 A maximum**
3.3V	**Output Current 0.25 A maximum**
5V	**Output Current 1.5 A minus the 3.3 V current used, maximum**
Dimensions	**(W x H x D) 133.4 mm (5.25 in) x 39 mm (1.54 in), not including the height of the carrier or the DIN-rail**
The	**GE Fanuc IC200PWR001 power supply input module offers backplane power for I/O, CPU, and NIU modules. It supplies a maximum of 1.5 Amps of output current via 5 Volts and 3.3 Volts rated outputs, with a maximum of 0.25 Amps of current on the 3.3 Volts output voltage rating. It can serve as the main power supply when mounted on the station's NIU or CPU module. It can also act as a secondary power supply for larger I/O applications or when installed o**

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Technical specifications for IC200PWR001

Brand GE Fanuc

Series Versamax

Part Number IC200PWR001

Product Type DC Power Supply

Input Voltage 24 Volts DC

Output Voltage 5 Volts DC and 3.3 Volts DC

Input Power 11 Watts

Holdup Time 10 Milliseconds

Inrush Current 20 A at 24 VDC and 25 A at 30 VDC

Protection Short circuit, overload, reverse polarity

Total Output 1.5 A maximum

3.3V Output Current 0.25 A maximum

5V Output Current 1.5 A minus the 3.3 V current used, maximum

Dimensions (W x H x D) 133.4 mm (5.25 in) x 39 mm (1.54 in), not including the height of the carrier or the DIN-rail

The GE Fanuc IC200PWR001 power supply input module offers backplane power for I/O, CPU, and NIU modules. It supplies a maximum of 1.5 Amps of output current via 5 Volts and 3.3 Volts rated outputs, with a maximum of 0.25 Amps of current on the 3.3 Volts output voltage rating. It can serve as the main power supply when mounted on the station's NIU or CPU module. It can also act as a secondary power supply for larger I/O applications or when installed on a power supply booster. The GE Fanuc IC200PWR001 power supply input module has an input voltage of 24 Volts DC and an output voltage of 5 Volts DC and 3.3 Volts DC. The power supply has an input power rating of 10 Watts and a holdup time of up to 10 milliseconds. This module has no extended power and isolated power options.

The GE Fanuc Versamax IC200PWR001 power supply input module has an inrush current rating of 20 Amps at 24 Volts DC and one of 25 Amps at 30 Volts DC. It can protect itself against reverse polarity, short circuits, and overloading. The power supply module has a maximum total output of 1.5 Amps. It also has an output current of up to 0.25 Amps at 3.3 Volts and output current rating not exceeding 1.5 Amps minus the 3.3 Volts of voltage that is used up at 5 Volts. During the wiring, the DC power needs to be grounded to the earth/frame ground. This module has dimensions of 49 millimeters (1.93 inches) x 133.4 millimeters (5.25 inches) x 39 millimeters (1.54 inches) excluding the height of the DIN rail and the carrier.