GE Versamax Series Service Manual

IC200PWR201

1. Description

The GE Fanuc IC200PWR201 module is a power supply module from the Versamax family. It has an input voltage range between 9.5 and 15 Volts DC,12 Volts DC nominal voltage, and an output voltage of 5 Volts DC and 3.3 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200PWR201**
Input	**Voltage 9.6-15 Volts DC, and 12 Volts DC nominal**
Output	**Voltage 5 Volts DC and 3.3 Volts DC**
Extended	**Power No**
Isolated	**Power No**
Input	**Power 11 Watts**
Holdup	**Time 10 Milliseconds**
Inrush	**Current 25 Amperes at 12 Volts DC and 30 Amperes at 15 Volts DC**
Protection	**Short circuit, overload, reverse polarity**
Total	**Output Current 1.5 A maximum**
3.3V	**Output Current 0.25 A maximum**
Output	**Current 1.5 A minus the 3.3 V current used, maximum**
Dimensions	**49 mm (1.93 in) x 133.4 mm (5.25 in) x 39 mm (1.54 in),**

3. Product Information

The GE Fanuc IC200PWR201 module is a power supply module from the Versamax family. It has an input voltage range between 9.5 and 15 Volts DC,12 Volts DC nominal voltage, and an output voltage of 5 Volts DC and 3.3 Volts DC.

Technical specifications for IC200PWR201

Brand GE Fanuc

Series Versamax

Part Number IC200PWR201

Input Voltage 9.6-15 Volts DC, and 12 Volts DC nominal

Output Voltage 5 Volts DC and 3.3 Volts DC

Extended Power No

Isolated Power No

Input Power 11 Watts

Holdup Time 10 Milliseconds

Inrush Current 25 Amperes at 12 Volts DC and 30 Amperes at 15 Volts DC

Protection Short circuit, overload, reverse polarity

Total Output Current 1.5 A maximum

3.3V Output Current 0.25 A maximum

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

Dimensions 49 mm (1.93 in) x 133.4 mm (5.25 in) x 39 mm (1.54 in),

The GE Fanuc IC200PWR201 power supply module supplies electrical power to backplane devices, input and output (I/O) modules, network interface units (NIUs), and central processing units (CPUs). The module has neither isolated power nor extended power, unlike other Versamax power supply modules. It serves as the main power source for backplane devices in the I/O station, or it can also be used as a supplementary power supply in larger input and output applications. The IC200PWR201 power supply module has an input voltage range between 9.5 and 15 Volts DC as well as 12 Volts DC nominal voltage, and it has an output voltage of 5 Volts or 3.3 Volts DC. It has an input power rating of 11 Watts and a holdup time of up to 10 milliseconds.

The GE Fanuc Versamax IC200PWR201 power supply module has an inrush current rating of 25 Amps at 12 Volts DC voltage and 30 Amps at 15 Volts DC voltage. The unit plays a major role in protecting the systems against overloading, short circuits, and reverse polarity. It has a total output current not exceeding 15 Amps. With an output voltage of 3.3 Volts DC, the module can yield an output current up to 0.25 Amps while an output voltage of 5 Volts DC will yield 1.2 Amps of current minus the 3.3 Volts of used voltage. The IC200PWR201 module has dimensions of 49 millimeters (1.93 inches) x 133.4 millimeters (5.25 inches) x 39 millimeters (1.54 inches) not including the height of the DIN rail it is mounted on and the carrier.