GE Series 90-30 Series Service Manual

IC693PWR332

1. Description

The IC693PWR332 power supply module is manufactured by GE Fanuc and it is part of Series 90-30. It has a nominal voltage of 12 Volts DC and an input voltage range of 9.6 to 15 Volts DC. This high-capacity power supply module has a load capacity of 30 Watts and a maximum input power of 50 Watts at a full load.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693PWR332**
Nominal	**rated voltage 12 Volts DC, nominal**
Input	**voltage range 9.6 to 15 Volts DC**
Load	**capacity 30 Watts**
Input	**power 50 Watts maximum at full load**
Output	**capacities +5 Volts DC/30 Watts, +24 Volts DC isolated/20 Watts, +24 Volts DC relay/15 Watts**
Inrush	**current 4 Amps peak with maximum of 100 milliseconds**
Ride-through	**time 10 milliseconds (minimum)**
Protective	**limits (overvoltage) 5 Volts DC output with 6.4 to 7 Volts range**
Protective	**limits (overcurrent) 5 Volts DC output with 7 Volts maximum**
Serial	**port RS-485**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**GE IC693PWR332 power supply module is intended for use in the high-performance industrial systems that are found in many different industries. The unit is part of Series 90-30 from the GE Fanuc company. This product series offers variety of PLCs and accessories like input/output devices, controllers, modules for specific applications, power supply modules like the IC693**

3. Product Information

The IC693PWR332 power supply module is manufactured by GE Fanuc and it is part of Series 90-30. It has a nominal voltage of 12 Volts DC and an input voltage range of 9.6 to 15 Volts DC. This high-capacity power supply module has a load capacity of 30 Watts and a maximum input power of 50 Watts at a full load.

Technical specifications for IC693PWR332

Brand GE Fanuc

Series Series 90-30

Part Number IC693PWR332

Nominal rated voltage 12 Volts DC, nominal

Input voltage range 9.6 to 15 Volts DC

Load capacity 30 Watts

Input power 50 Watts maximum at full load

Output capacities +5 Volts DC/30 Watts, +24 Volts DC isolated/20 Watts, +24 Volts DC relay/15 Watts

Inrush current 4 Amps peak with maximum of 100 milliseconds

Ride-through time 10 milliseconds (minimum)

Protective limits (overvoltage) 5 Volts DC output with 6.4 to 7 Volts range

Protective limits (overcurrent) 5 Volts DC output with 7 Volts maximum

Serial port RS-485

Product Lifecycle Status* Discontinued/Obsolete

The GE IC693PWR332 power supply module is intended for use in the high-performance industrial systems that are found in many different industries. The unit is part of Series 90-30 from the GE Fanuc company. This product series offers variety of PLCs and accessories like input/output devices, controllers, modules for specific applications, power supply modules like the IC693PWR332 module, and other components that provide extraordinary flexibility and reliability. These products are made for demanding industrial environments and they are made of high-quality materials that meet several industrial standards. The IC693PWR332 power supply module has an input voltage of 9.6 to 15 Volts DC and a nominal rated voltage of 12 Volts DC. The load capacity of the unit is 30 Watts and the input power is 50 Watts maximum when at a full load.

The IC693PWR332 power supply module is a high-capacity component that includes the following output capacities: 30 Watts at 5 Volts DC, 20 Watts at 24 Volts DC isolated voltage, and 15 Watts at 24 Volts DC relay. The unit has 4 system status indicators and it can be connected to lithium back-up battery in order to prevent system malfunctioning and delays. Besides that, the IC693PWR332 power supply module has a peak inrush current of 4 Amps for the duration of a maximum of 100 milliseconds. The ride-through time of the unit is a minimum of 10 milliseconds. The IC693PWR332 unit has a RS-486 compatible serial port and it provides protective limits of 5 Volts DC output with a 6.4 to 7 Volts range for over-voltage situations and of 5 Volts DC output with 7 Volts maximum for over-current situations. This module operates with an ambient temperature of up to 50 degrees Celsius (122 degrees Fahrenheit).