GE RX3i PacSystem Series Service Manual

IC694MDL635

1. Description

The GE Fanuc IC694MDL635 Module from the RX3i PacSystem series is an input module that can be installed in any I/O slot in the RX3i system. The module has a rated voltage of 125 Volts DC with positive or negative logic.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC694MDL635**
Rated	**Voltage 125 Volts DC**
Input	**Current 1.97 mA**
Input	**Voltage Range 0 to 150 Volts DC**
Power	**Consumption 80 mA from 5 Volts bus, 31.5 mA from user-supplied power**
Input	**Points 16 (1 group)**
Operating	**Temperature 32 to 140 degrees Fahrenheit (0 to 60 degrees Celsius)**
Storage	**temperature -40 to 185 degrees Fahrenheit (-40 to 85 degrees Celsius)**
Humidity	**5 to 95%, non-condensing**
Vibration	**10 to 57 Hertz, 0.0524 mm (0.006 inches) displacement peak, 57 to 500 Hz, 1.0 G acceleration**
Shock	**15 G, 11 milliseconds**
The	**GE Fanuc IC694MDL635 Input Module from the GE RX3i PacSystem series has a rated voltage of 125 Volts DC, an input current of 1.97 milliamps at the rated voltage, an input voltage range between 0 to 150 Volts DC, and a power consumption of 80 milliamps from the 5 Volts bus power and one of 31.5 milliamps from the user-supplied power. The module comes with 16 input points in a single group with a shared power input terminal.**

3. Product Information

The GE Fanuc IC694MDL635 Module from the RX3i PacSystem series is an input module that can be installed in any I/O slot in the RX3i system. The module has a rated voltage of 125 Volts DC with positive or negative logic.

Technical specifications for IC694MDL635

Brand GE Fanuc

Series RX3i PacSystem

Part Number IC694MDL635

Rated Voltage 125 Volts DC

Input Current 1.97 mA

Input Voltage Range 0 to 150 Volts DC

Power Consumption 80 mA from 5 Volts bus, 31.5 mA from user-supplied power

Input Points 16 (1 group)

Operating Temperature 32 to 140 degrees Fahrenheit (0 to 60 degrees Celsius)

Storage temperature -40 to 185 degrees Fahrenheit (-40 to 85 degrees Celsius)

Humidity 5 to 95%, non-condensing

Vibration 10 to 57 Hertz, 0.0524 mm (0.006 inches) displacement peak, 57 to 500 Hz, 1.0 G acceleration

Shock 15 G, 11 milliseconds

The GE Fanuc IC694MDL635 Input Module from the GE RX3i PacSystem series has a rated voltage of 125 Volts DC, an input current of 1.97 milliamps at the rated voltage, an input voltage range between 0 to 150 Volts DC, and a power consumption of 80 milliamps from the 5 Volts bus power and one of 31.5 milliamps from the user-supplied power. The module comes with 16 input points in a single group with a shared power input terminal. The module is wired for either negative or positive logic. This input module has various input characteristics such as an on-state voltage between 90 and 150 Volts DC, an off-state voltage between 0 and 30 Volts DC, an on-state current of 1.41 milliamps, an off-state current of 0.46 milliamps, an on-state response time of 8 milliseconds typical, and an off-state response time of 8 milliseconds typical.

The GE Fanuc IC694MDL635 Input Module requires user-supplied power to operate field devices. It has 16 green LEDs that show the on or off status of all the input points the LEDs are marked from 1 to 16. This input module is a high-voltage module and this is signified by the red bands at the top and bottom of the module label. The IC694MDL635 output module has an operating temperature ranging from 32 to 140 degrees Fahrenheit (0 to 60 degrees Celsius). It also has a storage temperature range between -40 and 185 degrees Fahrenheit (-40 to 85 degrees Celsius) and a tolerable humidity range from 5 to 95%, non-condensing. It has a vibration resistance rating of 10 to 57 Hertz, with 0.0524 millimeters (0.006 inches) of peak displacement peak as per the JISC0911 and IEC60068-2-6 standards. The module also has a shock resistance of 15 G for 11 milliseconds as per the JISC0912 and IEC60068-2-27 standards.