GE RX3i PacSystem Series Service Manual

IC694MDL634

1. Description

The GE Fanuc IC694MDL634 Module from the RX3i PacSystem series is an input module that is made to be installed in any I/O slot in the RX3i system. The module has a rated voltage of 24 Volts DC with positive or negative logic.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC694MDL634**
Rated	**Voltage 24 Volts DC (positive or negative logic)**
Input	**Current 7 mA**
Input	**Voltage Range 0 to 30 Volts DC**
Power	**Consumption 45 mA from 5V bus, 62 mA from 24V supply**
Input	**Points 8 (arranged in 1 group)**
Operating	**temperature 0 to 60 degrees Celsius: [inlet] (32 to 140 degrees F)**
Storage	**Temperature -40 to 85 degrees Celsius**
Humidity	**5 to 95%, non-condensing**
Vibration	**10 to 57 Hz, 0.0524 millimeters (0.006 inches) displacement peak, 57 - 500 Hz, 1.0 g acceleration**
Shock	**15 G, 11 ms**
The	**GE Fanuc IC694MDL634 Input Module from the RX3i PacSystem series has a rated voltage of 24 Volts DC (positive or negative logic), an input current of 7 milliamps at the rated voltage, an input voltage range from 0 to 30 Volts DC, and a power consumption rating of 45 milliamps from the 5 Volts bus and 62 milliamps from a 24 Volts supply. This input module's characteristics make it compatible with a wide selection of limit switches, electronic**

3. Product Information

The GE Fanuc IC694MDL634 Module from the RX3i PacSystem series is an input module that is made to be installed in any I/O slot in the RX3i system. The module has a rated voltage of 24 Volts DC with positive or negative logic.

Technical specifications for IC694MDL634

Brand GE Fanuc

Series RX3i PacSystem

Part Number IC694MDL634

Rated Voltage 24 Volts DC (positive or negative logic)

Input Current 7 mA

Input Voltage Range 0 to 30 Volts DC

Power Consumption 45 mA from 5V bus, 62 mA from 24V supply

Input Points 8 (arranged in 1 group)

Operating temperature 0 to 60 degrees Celsius: [inlet] (32 to 140 degrees F)

Storage Temperature -40 to 85 degrees Celsius

Humidity 5 to 95%, non-condensing

Vibration 10 to 57 Hz, 0.0524 millimeters (0.006 inches) displacement peak, 57 - 500 Hz, 1.0 g acceleration

Shock 15 G, 11 ms

The GE Fanuc IC694MDL634 Input Module from the RX3i PacSystem series has a rated voltage of 24 Volts DC (positive or negative logic), an input current of 7 milliamps at the rated voltage, an input voltage range from 0 to 30 Volts DC, and a power consumption rating of 45 milliamps from the 5 Volts bus and 62 milliamps from a 24 Volts supply. This input module's characteristics make it compatible with a wide selection of limit switches, electronic proximity switches, and pushbuttons. The input characteristics include an on-state voltage between 11.5 and 30 Volts DC, an off-state voltage between 0 and 5 Volts DC, an on-state current of 3.2 milliamps minimum, an off-state current of 1.1 milliamps maximum, an on response time of 7 milliseconds typical, and an off response time of 7 milliseconds typical. It has 8 separate input points with the main power input terminal. Some inputs are powered by 24 Volts OUT and 0 Volts OUT terminals, depending on the module's requirements.

The GE Fanuc IC694MDL634 Input Module has 8 green LEDs that show the module inputs' on and off status of points from 1 to 8. This GE input module is a low voltage module, and this is signified by a blue band on the top of the module. The input module has an operating temperature range from 0 to 60 degrees Celsius (32 to 140 degrees Fahrenheit) and storage temperature range of -40 to 85 degrees Celsius (-40 to 185 degrees Fahrenheit). It also has a tolerable non-condensing humidity range from 5 to 95%. The module has a shock resistance rating of 15 G for 11 milliseconds according to the IEC60068-2-27 and JISC0912 standards, and a vibration rating of 10 to 57 Hertz with 0.0524 millimeters (0.006 inches) of peak displacement with 57 to 500 Hertz and 1.0 G of maximum acceleration to meet the IEC60068-2-6 and JISC0911 standards.