GE RX3i PacSystem Series Service Manual

IC694MDL646

1. Description

The GE Fanuc IC694MDL646 module from the RX3i PacSystem series is an input module installed in any I/O slot in the RX3i system. It has a rated voltage of 24 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC694MDL646**
Rated	**Voltage 24 Volts DC**
Input	**Current 7 milliamps**
Input	**Voltage Range 0 to 30 Volts DC**
Power	**Consumption 80 milliamps from a 5 Volts bus, 125 milliamps from a 24 Volts supply**
Input	**Points 16**
Operating	**Temperature 0 to 60 degrees Celsius**
Storage	**Temperature 40 to 85 degrees Celsius**
Humidity	**5% to 95%, non-condensing**
Shock	**15G, 11ms**
Vibration	**10 to 57 Hz, 0.0524 mm (0.006 in) displacement peak and 57 to 500 Hz, and 1.0 g acceleration**
The	**GE Fanuc IC694MDL646 module from the RX3i PacSystem series has a rated voltage of 24 Volts DC with positive logic or negative logic. This module also has an input current of 7 milliamps, an input voltage range of 0 to 30 Volts DC, and power consumption rating of 80 milliamps from a 5 Volts bus or 125 milliamperes from a 24 Volts supply. The module has an average response time of 1 millisecond for both the on and off response times. Other input characteristics for this module include an on-sta**

3. Product Information

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Technical specifications for IC694MDL646

Brand GE Fanuc

Series RX3i PacSystem

Part Number IC694MDL646

Rated Voltage 24 Volts DC

Input Current 7 milliamps

Input Voltage Range 0 to 30 Volts DC

Power Consumption 80 milliamps from a 5 Volts bus, 125 milliamps from a 24 Volts supply

Input Points 16

Operating Temperature 0 to 60 degrees Celsius

Storage Temperature 40 to 85 degrees Celsius

Humidity 5% to 95%, non-condensing

Shock 15G, 11ms

Vibration 10 to 57 Hz, 0.0524 mm (0.006 in) displacement peak and 57 to 500 Hz, and 1.0 g acceleration

The GE Fanuc IC694MDL646 module from the RX3i PacSystem series has a rated voltage of 24 Volts DC with positive logic or negative logic. This module also has an input current of 7 milliamps, an input voltage range of 0 to 30 Volts DC, and power consumption rating of 80 milliamps from a 5 Volts bus or 125 milliamperes from a 24 Volts supply. The module has an average response time of 1 millisecond for both the on and off response times. Other input characteristics for this module include an on-state voltage from 11.5 to 30 Volts DC, an off-stage voltage from 0 to 5 Volts DC, an on-state current of 3.2 milliamps minimum and an off-state current of 1.1 milliamps maximum. The input characteristics make the module compatible with other input devices such as electronic proximity switches, limit switches, and pushbuttons. The GE Fanuc IC694MDL646 module from the RX3i PacSystem series has field devices that are powered from an external source.

The GE Fanuc RX3i PacSystem IC694MDL646 input module comes with 16 LEDs that are green and that are made to show the on and off status of the module's 16 input points. It is a low voltage module and this low voltage is signified by 2 blue bands on the unit. It has an operating temperature range between 0 and 60 degrees Celsius, and a storage temperature range between 40 and 85 degrees Celsius. This module has a non-condensing humidity range between 5% and 95%. It also has a vibration rating of 10 to 57 Hertz with 0.0524 millimeters (0.006 inches) of maximum displacement and with 57 to 500 Hertz and 1.0 G of acceleration. The IC694MDL646 input module also has a maximum shock resistance rating of 15 G for up to 11 milliseconds.