GE RX3i PacSystem Series Service Manual

IC694MDL654

1. Description

The IC694MDL654 input module is manufactured by GE Fanuc. It includes 32 input points that are grouped in 4 groups of 8 input points each.

2. Specifications

Specification	Value
Brand	
Series	**RX3i PacSystem**
Part	**Number IC694MDL654**
Type	**Input module**
Inputs	**32**
Logic	**Positive/Negative**
Rated	**Voltage 5 to 12V DC**
Input	**Voltage Range 0-15V DC**
Input	**Current 3.0 mA at 5V DC and 8.5 mA at 12V DC**
Response	**Time 1 ms maximum (on and off)**
Cable	**Length 30 m**
Isolation	**250 V AC**
Temperature	**0 to 60 degrees Celsius**
The	**IC694MDL654 input module is an input module that belongs to the RX3i PacSystems PLC series by GE Fanuc Automation. This input module comes with a positive and negative logic option that enables it to be adapted to almost any PLC application within its voltage ratings. This module comes with 32 input points that come isolated in 4 groups of 8 inputs each. Each one of these input groups is sourced to their own connection with different pieces of equipment. The physical features of the GE Fanuc Automation IC694MDL654 input module include several LED that indicate whether certain inputs are active at a specific moment. Each one of the inputs that comes with this device**

3. Product Information

The IC694MDL654 input module is manufactured by GE Fanuc. It includes 32 input points that are grouped in 4 groups of 8 input points each.

Technical specifications for IC694MDL654

Brand

Series RX3i PacSystem

Part Number IC694MDL654

Type Input module

Inputs 32

Logic Positive/Negative

Rated Voltage 5 to 12V DC

Input Voltage Range 0-15V DC

Input Current 3.0 mA at 5V DC and 8.5 mA at 12V DC

Response Time 1 ms maximum (on and off)

Cable Length 30 m

Isolation 250 V AC

Temperature 0 to 60 degrees Celsius

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The GE Fanuc Automation IC694MDL654 input module also has a low voltage indicator on its front label that consists of a blue band. The module does not include any diagnostic features or alarms, only a green LED to indicate if it is powered on or not. This module is compatible with the RX3i PLC system and it can be installed in any slot in the PLC rack. The GE Fanuc Automation IC694MDL654 input module operates with a voltage of 5 to 12 Volts DC, an input voltage range of 0 to 25 Volts DC, and an input current of 3 to 8.5 milliamps. The module has an on and off response time of 1 millisecond maximum and it provides a continuous isolation voltage of 250 Volts AC. The maximum operating temperature for this module is 60 degrees Celsius. If it is exposed to higher temperatures without proper ventilation, this may decrease the lifespan and the overall functioning of the module.