GE RX3i PacSystem Series Service Manual

IC694MDL658

1. Description

The GE Fanuc Automation IC694MDL658 positive/negative logic input module includes 32 discrete inputs. It is wired with male 24-pin connectors.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC694MDL658**
Type	**Input module**
Inputs	**32**
Rated	**Voltage 24V DC**
Input	**Voltage Range 0-30V DC**
Input	**Current 7.0 mA at 24V DC**
Response	**Time 2 ms maximum (on and off)**
Cable	**Length 30 m**
Isolation	**250 V AC**
Temperature	**0-60 degrees Celsius**
Logic	**Positive/Negative**
The	**IC694MDL658 input module is a positive/negative logic input module that is manufactured in the RX3i division of the PacSystems series by GE Fanuc Automation. This specific input module can help connect different equipment so that all of this equipment can fulfill the purpose of the applications that they are meant for. This module provides both logic and 32 discrete input points. It also comes with an LED indicator for each of these modules. The GE Fanuc Automation IC694MDL658 positive/negative logic input module requires an external power supply to operate field devices and the module can be located in any slot of the RX3i rack. Each of these input points operates at a maximum volta**

3. Product Information

The GE Fanuc Automation IC694MDL658 positive/negative logic input module includes 32 discrete inputs. It is wired with male 24-pin connectors.

Technical specifications for IC694MDL658

Brand GE Fanuc

Series RX3i PacSystem

Part Number IC694MDL658

Type Input module

Inputs 32

Rated Voltage 24V DC

Input Voltage Range 0-30V DC

Input Current 7.0 mA at 24V DC

Response Time 2 ms maximum (on and off)

Cable Length 30 m

Isolation 250 V AC

Temperature 0-60 degrees Celsius

Logic Positive/Negative

The IC694MDL658 input module is a positive/negative logic input module that is manufactured in the RX3i division of the PacSystems series by GE Fanuc Automation. This specific input module can help connect different equipment so that all of this equipment can fulfill the purpose of the applications that they are meant for. This module provides both logic and 32 discrete input points. It also comes with an LED indicator for each of these modules. The GE Fanuc Automation IC694MDL658 positive/negative logic input module requires an external power supply to operate field devices and the module can be located in any slot of the RX3i rack. Each of these input points operates at a maximum voltage of 60 Volts. It is important to mention that this module does not contain any diagnostic devices or fault alarms that indicate whether the inputs are operating properly or not.

The GE Fanuc Automation IC694MDL658 positive/negative logic input module can be connected with male 24-pin connectors, and in this case, the Fujitsu FCN-365P024-AU connector type is ideal. The inputs are arranged in 4 groups of 8 inputs each with their common connections. Besides this cable, custom cables and prewired cables are available to use as well. The length must not exceed 30 meters. The GE Fanuc Automation IC694MDL658 positive/negative logic input module has a rated voltage of 48 Volts DC, an input voltage range of 0 to 60 Volts DC, and a response time of 2 milliseconds maximum. This module has a field to backplane isolation voltage rating of 250 Volts AC and a group to group isolation voltage rating of 50 Volts AC continuous.