GE RX3i PacSystem Series Service Manual

IC694MDL931

1. Description

The GE Fanuc IC694MDL931 Relay Output Module is made for the Rx3i PacSystem. This relay output module has 8 individually-isolated output circuits (4 NC relays and 4 Form C Relay), and it requires a user-supplied external AC/DC power supply for operation.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC694MDL931**
Description	**8-Point Relay Output Module**
Operating	**Voltage 24 Volts DC or 120/240 Volts AC**
Switching	**current 8.0 Amps**
I/O	**Capacity 8 individually-isolated Outputs (4 N.C, 4 Form C Relay)**
Point	**to Point Isolation Yes**
Max	**Backplane Draw 6.0 milliamps**
Inrush	**Rating 8.0 Amps**
Max	**Response Time 15.0 Milliseconds**
LED	**Indicators 32 Individually Numbered LEDs**
Location	**PACSystem RX3i I/O Slot**
The	**GE Fanuc IC694MDL931 PacSystems RX3i Relay Output Module is an 8-point relay output module for the PacSystems PLCs. The IC694MDL931 Output Module interfaces output field devices like indicators, solenoids, or motor starters with Series 90-30 PLCs or PacSystems RX3i PLCs. The IC694MDL931 Output Module has 8 individually-isolated output circuits (4 NC relays and 4 Form C relays), it is capable of switching 8.0 Amps rated maximum loads (per point), and each output circuit comes with its own separate common output terminal. The IC694MDL931 Output M**

3. Product Information

The GE Fanuc IC694MDL931 Relay Output Module is made for the Rx3i PacSystem. This relay output module has 8 individually-isolated output circuits (4 NC relays and 4 Form C Relay), and it requires a user-supplied external AC/DC power supply for operation.

Technical specifications for IC694MDL931

Brand GE Fanuc

Series RX3i PacSystem

Part Number IC694MDL931

Description 8-Point Relay Output Module

Operating Voltage 24 Volts DC or 120/240 Volts AC

Switching current 8.0 Amps

I/O Capacity 8 individually-isolated Outputs (4 N.C, 4 Form C Relay)

Point to Point Isolation Yes

Max Backplane Draw 6.0 milliamps

Inrush Rating 8.0 Amps

Max Response Time 15.0 Milliseconds

LED Indicators 32 Individually Numbered LEDs

Location PACSystem RX3i I/O Slot

The GE Fanuc IC694MDL931 PacSystems RX3i Relay Output Module is an 8-point relay output module for the PacSystems PLCs. The IC694MDL931 Output Module interfaces output field devices like indicators, solenoids, or motor starters with Series 90-30 PLCs or PacSystems RX3i PLCs. The IC694MDL931 Output Module has 8 individually-isolated output circuits (4 NC relays and 4 Form C relays), it is capable of switching 8.0 Amps rated maximum loads (per point), and each output circuit comes with its own separate common output terminal. The IC694MDL931 Output Module requires an external DC or AC power supply for interfacing with field devices, and it is not suitable for hot-swapping. The IC694MDL931 Output Module has 32 front-panel LEDs which show individual output channel status updates, and it can be installed in any I/O slot of the PacSystems PLC rack.

The IC694MDL931 Output Module has a nominal operating voltage rating of 24 Volts DC or 240 Volts AC (at 50 to 60 Hertz) and an acceptable operating range of 5 to 30 Volts DC or 5 to 250 Volts AC. The IC694MDL931 Output Module has 250 Volts AC (continous) output-to-output isolation for 1 minute and 250 Volts AC (continuous) isolation between the field and the backplane. The IC694MDL931 Output Module has 8 isolated outputs with 8 Amps of maximum resistive output load per point and an aggregate 20 Amps of current for the whole module. The minimum possible load on each of the IC694MDL931 Output Module’s output points is 10 milliamps and the maximum backplane current draw for all outputs is 6.0 milliamps at 5 Volts DC. The IC694MDL931 Output Module's circuits have a maximum inrush current rating of 8.0 Amps per cycle and a maximum on/off response time of 15.0 milliseconds.