GE Series 90-30 Series Service Manual

IC693MDL931

1. Description

The IC693MDL931 is an output module from the GE Fanuc Emerson Series 90-30, designed for use in control systems. This relay output module provides isolated relay connections and supports both AC and DC output voltage.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Series	**Series 90-30**
Part	**Number IC693MDL931**
Module	**Type Output Module**
Output	**Type Relay Outputs**
Relay	**Type Isolated Relay**
Output	**Current 8 Amps per Circuit**
Rated	**DC Voltage 24 VDC**
Rated	**AC Voltage 120/240 VAC**
Frequency	**50/60 Hz for AC Voltage**
AC	**Output Voltage Range 5-250 VAC**
DC	**Output Voltage 5-30 VDC**
Maximum	**Typical Contact Life 1.1 Million Operations at 5-120 VAC Operating Voltage and 1 Amp of Resistive Current**
The	**GE Fanuc Emerson IC693MDL931 is a specialized output module in the Series 90-30 range, which is essential for managing a broad variety of control tasks. Built to ensure flexibility, this output module accommodates isolated relay outputs, each capable of handling significant loads with an output current rating of 8 Amps per circuit.**

3. Product Information

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Technical specifications for IC693MDL931

Manufacturer GE Fanuc Emerson

Series Series 90-30

Part Number IC693MDL931

Module Type Output Module

Output Type Relay Outputs

Relay Type Isolated Relay

Output Current 8 Amps per Circuit

Rated DC Voltage 24 VDC

Rated AC Voltage 120/240 VAC

Frequency 50/60 Hz for AC Voltage

AC Output Voltage Range 5-250 VAC

DC Output Voltage 5-30 VDC

Maximum Typical Contact Life 1.1 Million Operations at 5-120 VAC Operating Voltage and 1 Amp of Resistive Current

The GE Fanuc Emerson IC693MDL931 is a specialized output module in the Series 90-30 range, which is essential for managing a broad variety of control tasks. Built to ensure flexibility, this output module accommodates isolated relay outputs, each capable of handling significant loads with an output current rating of 8 Amps per circuit.

The IC693MDL931 is compatible with both direct current and alternating current, rated at 24 VDC and between 120 to 240 VAC respectively. When using AC, it operates within a frequency window of 50 to 60 Hz, thereby fitting seamlessly into differing electrical environments. In terms of voltage capabilities, it provides an AC output voltage spectrum that spans 5 to 250 VAC, alongside a DC output voltage range from 5 to 30 VDC, highlighting its adaptability in various applications.

Designed for longevity, the module boasts a maximum typical contact life of approximately 1.1 million operations when functioning at an operating voltage between 5-120 VAC and a resistive current of 1 Amp. This characteristic reinforces its reliability and makes it a valuable component in any automation configuration.