GE Series 90-70 Series Service Manual

IC697MDL740

1. Description

The IC697MDL740 discrete output module is manufactured by GE Fanuc and it is part of Series 90-70. The unit has a rated voltage of 24 to 48 Volts DC and output current of 2 Amps per point or 4 Amps per group. The required current of the module is 0.15 Amps and the module offers 16 output points.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL740**
Rated	**voltage 24 to 48 Volts DC**
Output	**current 2 Amps per point, 4 Amps per group**
Output	**voltage range 20 to 60 Volts DC**
Required	**current 0.15 Amps**
Number	**of outputs 16**
Isolation	**voltage 1500 Volts**
Inrush	**current 20 Amps (maximum) for 20 milliseconds**
Response	**time-on 2 milliseconds (maximum)**
Response	**time-off 2 milliseconds (maximum)**
Output	**voltage drop 0.8 Volts/0.4 Ohms (maximum)**
The	**GE Fanuc discrete output module that is known as the IC697MDL740 discrete output module is frequently used with programmable logic controllers or PLCs from the GE Series 90-70 product line. The IC697MDL740 discrete output module works well with many GE PLC devices and it has a wide range of features that can contribute to PLC system enhancement and improved machine performance. The IC697MDL740 output module provides 16 outputs that require a voltage range of 20 to 60 Volts DC to operate. The specified current for the output is 2 Amps per point or**

3. Product Information

The IC697MDL740 discrete output module is manufactured by GE Fanuc and it is part of Series 90-70. The unit has a rated voltage of 24 to 48 Volts DC and output current of 2 Amps per point or 4 Amps per group. The required current of the module is 0.15 Amps and the module offers 16 output points.

Technical specifications for IC697MDL740

Brand GE Fanuc

Series Series 90-70

Part Number IC697MDL740

Rated voltage 24 to 48 Volts DC

Output current 2 Amps per point, 4 Amps per group

Output voltage range 20 to 60 Volts DC

Required current 0.15 Amps

Number of outputs 16

Isolation voltage 1500 Volts

Inrush current 20 Amps (maximum) for 20 milliseconds

Response time-on 2 milliseconds (maximum)

Response time-off 2 milliseconds (maximum)

Output voltage drop 0.8 Volts/0.4 Ohms (maximum)

The GE Fanuc discrete output module that is known as the IC697MDL740 discrete output module is frequently used with programmable logic controllers or PLCs from the GE Series 90-70 product line. The IC697MDL740 discrete output module works well with many GE PLC devices and it has a wide range of features that can contribute to PLC system enhancement and improved machine performance. The IC697MDL740 output module provides 16 outputs that require a voltage range of 20 to 60 Volts DC to operate. The specified current for the output is 2 Amps per point or 4 Amps per every output group. This particular module responds in only 2 milliseconds and its voltage drops less than 1 Volt.

The IC697MDL740 discrete output module has a high inrush capacity which is about 10 times the value of its rated current value. The specified inrush current allows the module to support various loads. This output module includes LED indicators for fuse status and device on-off status updates. All the LED indicators are located on the top of the module. The module also includes a specific keying technology that does not allow for the mounting of incompatible modules. This safety feature can be valuable since every component in the system must meet the needs of the application for which the module is applied. The configuration process of the IC697MDL740 module is simple and it can be done in several ways. All adjustments are performed on a PC that runs the Windows operating system. For additional protection, the module can be purchased with a conformal coating which comes as an optional feature. Other optional features are available from the factory too.