GE Genius I-O Series Service Manual

IC660ELD020

1. Description

I/O MODULE 24/40VDC The IC660ELD020 24/48 Volts DC Source Electronics Assembly belongs to the GE Fanuc Genius I/O series of modules and PLC components. It is made to be part of the GE IC660CBD020 current source I/O block and it weighs 1 pound. Technical specifications for IC660ELD020

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660ELD020**
Product	**Description 24/48V DC Source Electronic Assembly**
Voltage	**Rating 24/48 Volts DC**
DC	**Power Requirement 150 milliamps typical, 300 milliamps maximum**
Compatible	**I/O Block IC660CBD020**
Compatible	**Terminal Assembly IC660TSD020**
Operating	**Temperature 0 to 60 degree Celsius**
Storage	**Temperature -40 to 100 degrees Celsius**
Relative	**Humidity 5% to 95%, non-condensing**
Weight	**1 Pound Description**
The	**IC660ELD020 Electronics Assembly is a 24/48V DC source I/O block-compatible electronics assembly made by GE Fanuc. It is compatible for use with the IC660CBD020 Current Source I/O Block and its IC660TSD020 Terminal Assembly. This electronics assembly consists of the microprocessor unit of the I/O block. It has the responsibility to perform communication within the block and other computational tasks. The IC660ELD020 Electronics Assembly is designed in such a way that the users can easily plug in or remove the electronics assembly from the I/O**

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Compatible I/O Block IC660CBD020

Compatible Terminal Assembly IC660TSD020

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The IC660ELD020 Electronics Assembly has an operating temperature range of 0 to 60 degrees Celsius and it can tolerate 5 to 95% relative humidity. It has microprocessor-based circuitry that interfaces the I/O block with input and output devices. It helps to configure the block for redundancy. During installation, make sure to check the compatibility of the electronics assembly with the I/O block and the terminal assembly for proper operation. This electronics assembly can be replaced with a compatible version without removing the field wiring. Always remove the power form the block before replacing the module. In order to prevent injury, avoid touching the connector pins during the removal process. The IC660ELD020 Electronics Assembly can be easily removed by unscrewing the screws of the retainer at the bottom and top of the I/O block. It is recommended to use a hand-held monitor to configure the installed or replaced electronics assembly module correctly.