GE Genius I-O Series Service Manual

IC660TRD020

1. Description

GE Genius 24/48Vdc Terminal Asm. for Redundancy T Output Configuration The IC660TRD020 DC Source Terminal Assembly belongs to GE Fanuc Genius I/O series of modules and components. It comes with 24/48 Volts DC voltage, a 0 to 60 degrees Celsius operating temperature range, and GE IC660BRD020 I/O block compatibility. Technical specifications for IC660TRD020

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660TRD020**
Product	**Description Terminal Assembly**
Voltage	**Rating 24/48 Volts DC**
Compatible	**I/O Block IC660BRD020**
Compatible	**Electronic Assembly IC660ERD020**
Operating	**Temperature 0 to 60 degrees Celsius**
Storage	**Temperature -40 to 100 degrees Celsius**
Relative	**Humidity 5-95%, non-condensing**
Weight	**1 Pound Description**
The	**IC660TRD020 Terminal Assembly is designed for the IC660BRD020 DC Source I/O Block that is manufactured by GE Fanuc. It incorporates blocking diodes for every point of the I/O block which provide blocking and isolation functions. The IC660TRD020 Terminal Assembly is suitable for redundancy T output configuration. This assembly is also compatible for integration with the GE IC660ERD020 Electronics Assembly to build a complete I/O block. The purpose of the terminal block is to form the base of the whole I/O block. It is electrically and mechanically designed in such a way that it is suitable for use only with compatible electronic**

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The IC660TRD020 Terminal Assembly stores the configuration settings of the block. This means that the users do not need to reconfigure the module if the electronic assembly is removed or replaced. All the field wiring is connected to this terminal block to increase module efficiency and reducing the installation costs. When the power is applied to the module, it charges up the connector pins. Never touch the connector pins of the terminal assembly module to avoid electrical shock hazards. It is also recommended to wire the I/O block bus into the terminal assembly directly. The bus must be always turned off before removing or replacing the terminal assembly in the I/O block. The users can connect an intermediate connector between the bus and the terminal assembly to maintain the data integrity of the critical application processes of the bus when removing the terminal assembly.