GE Genius I-O Series Service Manual

IC660BBD026

1. Description

Genius Block I/O Input/Output Circuit Block GE FANUC PLC 12/24VDC IC660 IC660B IC660BBD The IC660BBD026 block is a Genius I/O block manufactured by GE Fanuc. It has a 16-circuit combination for inputs and outputs. Technical specifications for IC660BBD026

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660BBD026**
Description	**Genius I/O block**
Frequency	**50/60 Hertz**
Voltage	**12/24 Volts DC**
Input	**16**
Operating	**Temperature 0-60 degrees Celsius**
Protection	**Overtemperature, Short circuit**
Short	**circuit limit 30 Amperes for first line cycle**
Storage	**Temperature -40-100 degrees Celsius Description**
The	**IC660BBD026 block is a GE Fanuc manufactured I/O circuit block. It has a voltage rating of 12 to 24 Volts DC. The front end of the block comes with 16 input points. The inputs are accompanied by LED indicators. The LEDs illuminate whenever a connection is made using a specific input. The IC660BBD026 I/O circuit block can be easily connected to different GE PLC components. It can be connected to a hand held programmer or a controller by using the monitoring port on the top left corner of the block. The IC660BBD026 I/O circuit block provides an interfacing option to different discrete, analog, and field devices. The I/O block has advanced diagnostics featu**

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Along with the serial ports, the front part of the IC660BBD026 I/O circuit block comes with a Shield In port and a Shield Out port. Two LED indicators for "I/O Enabled" and the "Unit OK" status updates are present near the monitoring port. The IC660BBD026 I/O circuit block comes with an open wire for tristate inputs. It feature an "overtemperature error" switch option that plays a vital role in protecting the system in case of an overtemperature error. A short circuit diagnostics function is present the system if the instantaneous current of an output exceeds 30 Amps for the first line cycles. The IC660BBD026 I/O circuit block's ambient operating temperature should be maintained between 0 and 60 degrees Celsius for normal operation and the block can be stored in a temperature between -40 and 100 degrees Celsius when not in use.