GE Genius I-O Series Service Manual

IC660EBR101

1. Description

GENIUS Electronic Assembly for BBR101 (EBR Only) Block Relay Outp IC660E IC660EB IC660EBR The GE Fanuc IC660EBR101 electronics assembly is an electronics assembly manufactured by GE Fanuc as a member of the Genius I/O block product line. It is part of a relay output block that is designed to offer 16 output circuits in 4 different groups for every relay-type output. Technical specifications for IC660EBR101

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms**
Series	**Genius I-O**
Part	**Number IC660EBR101**
Product	**Line Genius I/O**
Product	**Type Electronic Assembly**
Weight	**4 lbs**
LEDs	**I/O Block I/O Enabled/Unit OK**
Circuit	**LEDs Individual Relay Coil State**
Frequency	**47 to 63 Hz**
Operating	**Voltage 115 V AC (93 to 132V AC)/230V AC (185 to 265V AC)**
Power	**Required 87 mA at 11V AC**
Power	**Supply Dropout Time 1 cycle**
Maximum	**Output Current 2 A per circuit**
Maximum	**Switching Power 60 Watts or 125 VA**
Relay	**Type Fixed coil moving armature**
Minimum	**Recommended Load 10 mA Description**
The	**IC660EBR101 electronics assembly is a product of GE Fanuc. It is manufactured as a member of the GE Genius I/O block series. The IC660EBR101 electronics assembly is part of a relay output block that is designed to provide 16 output circuits in 4 individual groups for each of the relay-type outputs. The IC660EBR101 electronics assembly operates on 115 Volts or 230 Volts AC, and it can work with 2 different types of relay output blocks, including the IC660B**

3. Product Information

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Part Number IC660EBR101

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Circuit LEDs Individual Relay Coil State

Frequency 47 to 63 Hz

Operating Voltage 115 V AC (93 to 132V AC)/230V AC (185 to 265V AC)

Power Required 87 mA at 11V AC

Power Supply Dropout Time 1 cycle

Maximum Output Current 2 A per circuit

Maximum Switching Power 60 Watts or 125 VA

Relay Type Fixed coil moving armature

Minimum Recommended Load 10 mA Description

The IC660EBR101 electronics assembly is a product of GE Fanuc. It is manufactured as a member of the GE Genius I/O block series. The IC660EBR101 electronics assembly is part of a relay output block that is designed to provide 16 output circuits in 4 individual groups for each of the relay-type outputs. The IC660EBR101 electronics assembly operates on 115 Volts or 230 Volts AC, and it can work with 2 different types of relay output blocks, including the IC660BBR100 relay output block, which has the relays that are normally closed, and the IC660BBR101 relay output block with relays that are normally open. Each group of the IC660EBR101 electronics assembly's outputs on the relay block can operate on either DC or AC power.

The GE Fanuc IC660EBR101 electronics assembly has a group isolation rating of 1500 Volts, and the relay blocks are well-suited for a variety of low-power control applications and compatible with indicator devices like contactors, lamps, and relays. The output devices are capable of operating at 250 Volts AC or 5 to 220 Volts DC with a switching power of up to 125 Volts-Amps or 60 Watts. Some of the notable configurable features of the IC660EBR101 electronics assembly include the bus switching control module, the redundancy type CPU, the output power-up default settings, and the output "hold last state" feature. It features LED indicators that indicate the correct CPU communications and block operation functions. It also has individual LED indicators that show the commanded output of the state of every single coil. The IC660EBR101 electronics assembly is versatile and compatible with all of the GE Fanuc Genius I/O devices and also with the QBIM modules or PCIM devices.