GE Genius I-O Series Service Manual

IC660ELB904

1. Description

IC660ELB904.GENA Network Adapter. GE PLC GENIUS. The GE Fanuc IC660ELB904 interface board is a network adapter interface board manufactured as part of the Genius I/O block product line. It has a weight of 1.36 kilograms with voltage ratings of 93 to 132 Volts AC or 105 to 132 Volts DC. This product has a frequency rating of 47 to 63 Hertz as well as 8 Watts of control power. Technical specifications for IC660ELB904

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660ELB904**
Product	**Line Genius I/O**
Product	**Type Network Adapter Interface Board**
Weight	**1.36 kg**
AC	**Voltage 93 to 132 V AC**
DC	**Voltage 105 to 132 V DC**
Frequency	**47 to 63 Hz**
Control	**Power 8 Watts**
Operating	**Temperature 0 to 60 degrees Celsius**
Storage	**Temperature -40 to 100 degrees Celsius**
Block	**to Block Isolation 1500 V**
LED	**Indicators LED Indicators Description**
The	**GE Fanuc IC660ELB904 interface board is a network adapter interface board manufactured by GE Intelligent Platforms/GE Fanuc Automation. It belongs to the Genius I/O block series and it weighs approximately 1.36 kilograms. The product features a 93 to 132 Volts AC or 105 to 132 Volts DC operating voltage range, a frequency rating of 47 to 63 Hertz, and 8 Watts of rated control power. The IC660ELB904 network adapter operates best at a temperature ranging from 0 to 60 degrees Celsius. It can be stored safely at a temperature of -40 to 100 degrees Celsius, with a**

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Product Type Network Adapter Interface Board

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AC Voltage 93 to 132 V AC

DC Voltage 105 to 132 V DC

Frequency 47 to 63 Hz

Control Power 8 Watts

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Block to Block Isolation 1500 V

LED Indicators LED Indicators Description

The GE Fanuc IC660ELB904 interface board is a network adapter interface board manufactured by GE Intelligent Platforms/GE Fanuc Automation. It belongs to the Genius I/O block series and it weighs approximately 1.36 kilograms. The product features a 93 to 132 Volts AC or 105 to 132 Volts DC operating voltage range, a frequency rating of 47 to 63 Hertz, and 8 Watts of rated control power. The IC660ELB904 network adapter operates best at a temperature ranging from 0 to 60 degrees Celsius. It can be stored safely at a temperature of -40 to 100 degrees Celsius, with a humidity tolerance of 5 to 95 percent, non-condensing. Other notable features of this product are block-to-block isolation rated at 1500 Volts, 16.8 Watts of maximum heat dissipation with 8 inputs, or 45.6 Watts of maximum heat dissipation with 8 outputs rated at 2 Amps of current. It also has a steady-state output current of 2 Amps for the AC power, and 2 Amps of resistive current or 1 Amp of inductive current for the DC power.

The GE Fanuc IC660ELB904 network adapter interface board is compatible with several other GE devices that are made to enhance its performance. Some of these devices include handheld monitors, bus controllers, electronics assemblies, and terminal assemblies. The GE Fanuc IC660ELB904 network adapter interface board's I/O are grouped into 4 isolated groups of input and output circuits with each operating at 115 Volts AC or 125 Volts DC nominal voltage. This product has other features that include an LED indicator for every I/O circuit. When any circuit is configured to operate as an input, its LED indicator displays the threshold voltage present at the input terminal. On the other hand, when any circuit is set up as an output, the LED indicates the CPU-controlled state.