

IC660BBD110

115 VAC 16-circuit Input Block

Official GE Genius I/O reference for the documented 115 vac 16-circuit input block.

PRODUCT SNAPSHOT

BRAND

General Electric

FAMILY

GE Genius I/O

PART

IC660BBD110

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

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PRODUCT OVERVIEW

IC660BBD110 provides the documented 115 vac 16-circuit input block role for a matched GE Genius I/O installation.

-  Provides the documented 115 vac 16-circuit input block function
-  Uses exact catalog identity IC660BBD110 for replacement control
-  Integrates with the matched GE Genius I/O hardware
-  Supports controlled connection checks and functional verification

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
IC660BBD110 product block	Matched Genius bus controller
Documented field wiring	Approved host configuration

ENGINEERING CONTEXT

The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC660BBD110. Commissioning preserves the installed point map and verifies controlled field response.

TECHNICAL DATA

PARAMETER	VALUE
Discrete inputs	16
Input grouping	Two banks of eight
Nominal voltage	115 VAC
Compatible devices	Contacts, switches, pushbuttons and limit switches

PARAMETER	VALUE
Proximity sensors	Two-wire and three-wire types
Input power	Derived from the input line
Required monitor	IC660HHM501 for full Phase B features
Status indicators	Unit OK, I/O Enabled and input status LEDs

RELATED GE PRODUCT PAGES

1GE HE693SNP900

2GE IC660BBD022-855138

3GE RE421REPAH1APR4

4GE 8851-LC-MT

5GE IS200DSPXH1DBD

6GE IS220PSFDH1A

7GE IS200TRPGH2B-421084

8GE IS200SHRAH2A

9GE IS200WROBH1A

TECHNICAL NOTE

Install IC660BBD110 only in the documented GE Genius I/O position. Preserve the as-found terminal mapping and configuration, then verify diagnostics and the affected field function under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

GE Genius I/O station maintenance

Restores the documented 115 vac 16-circuit input block function in an engineered station.

Distributed I/O refurbishment

Uses exact IC660BBD110 identity when rebuilding the recorded field interface.

Control-panel modernization

Preserves the approved terminal, power and communications arrangement during migration work.

Controlled recommissioning

Verifies point mapping, diagnostics and field response before process release.

PRODUCT PRECAUTIONS

1

Confirm the full IC660BBD110 catalog marking and installed GE Genius I/O position before work.

2

Isolate the station supply and connected field energy using the approved procedure.

3

Record every terminal, common, shield, connector and configured point before removal.

4

Use ESD controls and protect backplane, terminal and connector contacts from contamination.

5

Verify each documented value for IC660BBD110 against the installed host and field circuit.

6

Restore the approved terminal assembly, power grouping and configuration record.

7

Energize in the prescribed sequence and review module, bus and point diagnostics.

8

Complete a controlled signal or load test before returning the station to service.

ENGINEER FAQ

Q1 How is IC660BBD110 identified?

Match the complete catalog number and the 115 VAC 16-circuit Input Block designation.

Q2 Which system accepts IC660BBD110?

Use the documented GE Genius I/O carrier, terminal and bus arrangement.

Q3 What records are retained before removing IC660BBD110?

Record terminals, commons, shields, connectors, point mapping and diagnostics.

Q4 How is IC660BBD110 isolated safely?

Isolate station and field supplies, prove the safe state and apply ESD controls.

Q5 Which official values govern IC660BBD110?

Discrete inputs: 16; Input grouping: Two banks of eight; Nominal voltage: 115 VAC; Compatible devices: Contacts, switches, pushbuttons and limit switches.

Q6 How is IC660BBD110 configuration restored?

Restore the approved hardware execution, power grouping and point map.

Q7 Which diagnostics follow IC660BBD110 energization?

Review module, bus and channel status in the prescribed startup sequence.

Q8 What releases IC660BBD110 to service?

A controlled signal or load test with the expected field response and no active diagnostic.

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SOURCE Genius I/O Discrete and Analog Blocks User's Manual | GE Fanuc GEK-90486D-2, September 1993

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