

IC660BBD101

115 VAC Low-leakage 8-circuit Grouped I/O Block

Official GE Genius I/O reference for the documented 115 vac low-leakage 8-circuit grouped i/o block.

PRODUCT SNAPSHOT

BRAND
General Electric

FAMILY
GE Genius I/O

PART
IC660BBD101

DOCUMENT STATUS
Controlled engineering copy

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PRODUCT OVERVIEW

IC660BBD101 provides the documented 115 vac low-leakage 8-circuit grouped i/o block role for a matched GE Genius I/O installation.

-  Provides the documented 115 vac low-leakage 8-circuit grouped i/o block function
-  Uses exact catalog identity IC660BBD101 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
IC660BBD101 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 IC660BBD101. Commissioning preserves the installed point map and verifies controlled field response.

TECHNICAL DATA

PARAMETER	VALUE
Discrete circuits	8
Nominal voltage	115 VAC
Operating voltage	93 to 132 VAC
AC frequency	47 to 63 Hz
Maximum point current	2 A

PARAMETER	VALUE
Block isolation	1500 V
Heat dissipation	16 W with inputs; 43.5 W with outputs
Standby dissipation	8.5 W
Status indicators	Unit OK, I/O Enabled and logic-side circuit LEDs

RELATED GE PRODUCT PAGES

1GE IS200EMIOH1ACA

2GE IS200ECTBG1A

3GE IS200TRTDH1CCC-594440

4GE IS200TRLYH1BGF

5GE IS420ESWBH2A

6GE IS200ACLEH1BCB

7GE DS200TCDAF1BCM

8GE IS200STAOH2AAA

9GE IS200TBTCH1BBB

TECHNICAL NOTE

Install IC660BBD101 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 low-leakage 8-circuit grouped i/o block function in an engineered

Distributed I/O refurbishment

Uses exact IC660BBD101 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 IC660BBD101 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 IC660BBD101 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 IC660BBD101 identified?

Match the complete catalog number and the 115 VAC Low-leakage 8-circuit Grouped I/O Block designation.

Q2 Which system accepts IC660BBD101?

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

Q3 What records are retained before removing IC660BBD101?

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

Q4 How is IC660BBD101 isolated safely?

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

Q5 Which official values govern IC660BBD101?

Discrete circuits: 8; Nominal voltage: 115 VAC; Operating voltage: 93 to 132 VAC; AC frequency: 47 to 63 Hz.

Q6 How is IC660BBD101 configuration restored?

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

Q7 Which diagnostics follow IC660BBD101 energization?

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

Q8 What releases IC660BBD101 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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