

IC660BBD100

115 VAC 8-circuit Grouped I/O Block

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

PRODUCT SNAPSHOT

BRAND

General Electric

FAMILY

GE Genius I/O

PART

IC660BBD100

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

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PRODUCT OVERVIEW

IC660BBD100 provides the documented 115 vac 8-circuit grouped i/o block role for a matched GE Genius I/O installation.



Provides the documented 115 vac 8-circuit grouped i/o block function



Uses exact catalog identity IC660BBD100 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
IC660BBD100 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 IC660BBD100. Commissioning preserves the installed point map and verifies controlled field response.

TECHNICAL DATA

PARAMETER	VALUE
Discrete circuits	8
Nominal voltage	115 VAC
Maximum point current	2 A
Maximum block current	15 A
Internal capacitor	0.2 uF

PARAMETER	VALUE
Low-load note	External resistance may be required below 50 mA
Replacement model	IC660BBD101
Compatibility	IC660BBD101 is backward compatible
Product status	Legacy Phase A grouped I/O block

RELATED GE PRODUCT PAGES

1GE
IS210MVAH2A-IS200MVAH2AFC

2GE IS200BPPBH2CAA

3GE
IS215PMVPH1AA-IS200MVREH1ABB

4GE IC693MDR390

5GE IC693CHS398

6GE MVTP31V1CB0751E

7GE DS215TCCAG1BZZ01

8GE IS210AEAAH2BJE

9GE IS200HSLAH1ADE

TECHNICAL NOTE

Install IC660BBD100 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 8-circuit grouped i/o block function in an engineered station.

Distributed I/O refurbishment

Uses exact IC660BBD100 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 IC660BBD100 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 IC660BBD100 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 IC660BBD100 identified?

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

Q2 Which system accepts IC660BBD100?

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

Q3 What records are retained before removing IC660BBD100?

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

Q4 How is IC660BBD100 isolated safely?

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

Q5 Which official values govern IC660BBD100?

Discrete circuits: 8; Nominal voltage: 115 VAC; Maximum point current: 2 A; Maximum block current: 15 A.

Q6 How is IC660BBD100 configuration restored?

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

Q7 Which diagnostics follow IC660BBD100 energization?

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

Q8 What releases IC660BBD100 to service?

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

RELATED APTER POWER PAGES

1 GE IS210MVRH2A-IS200MVRH2AFC

2 GE IS200BPPBH2CAA

3 GE IS215PMVPH1AA-IS200MVREH1ABB

4 GE IC693MDR390

5 GE IC693CHS398

6 GE MVTP31V1CB0751E

7 GE DS215TCCAG1BZZ01

8 GE IS210AEAAH2BJE

9 GE IS200HSLAH1ADE

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

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