

INDUSTRIAL AUTOMATION PRODUCT

IC660BBD110

115 VAC 16-circuit Input Block

GE IC660BBD110 is a 115 VAC 16-circuit Input Block for the GE Genius I/O. It provides the documented field interface or control function in the configured system.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	GE Genius I/O
Part number	IC660BBD110
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING 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.

System Role and Architecture

GE IC660BBD110 is a 115 VAC 16-circuit Input Block for the GE Genius I/O. It provides the documented field interface or control function in the configured system.

FUNCTION 1
Provides the documented 115 vac 16-circuit input block function

FUNCTION 2
Uses exact catalog identity IC660BBD110 for replacement control

FUNCTION 3
Integrates with the matched GE Genius I/O hardware

FUNCTION 4
Supports controlled connection checks and functional verification

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	GE Genius I/O
02	Matched extension cable and ClickLoc connector loop
03	3300 XL Proximity Sensor host channel
04	AISI 4140 steel target or approved equivalent

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	GE Genius I/O
Interface role	115 VAC 16-circuit Input Block
Field / power context	Matched GE Genius bus, terminal assembly and configured host system
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Discrete inputs	16	Proximity sensors	Two-wire and three-wire types
Input grouping	Two banks of eight	Input power	Derived from the input line
Nominal voltage	115 VAC	Required monitor	IC660HHM501 for full Phase B features
Compatible devices	Contacts, switches, pushbuttons and limit switches	Status indicators	Unit OK, I/O Enabled and input status LEDs

RELATED GE PRODUCT PAGES

1GE IS220PSFDH1A

2GE IS200TRPGH2B-421084

3GE IS200SHRAH2A

4GE IS200WROBH1A

5GE HE693SNP900

6GE IC660BBD022-855138

7GE RE421REPAH1APR4

8GE 8851-LC-MT

9GE IS200DSPXH1DBD

ENGINEERING BOUNDARY

Confirm IC660BBD110, GE Genius I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

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.

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC660BBD110 recorded
Host / carrier	GE Genius I/O
Physical interface	Exact model, bus position, terminals and connected field circuits matched
Configuration	Device number, I/O assignments and approved configuration restored
Functional proof	Controlled diagnostics and field-response test recorded

IMPORTANT NOTICE

Confirm IC660BBD110, GE Genius I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

GE IS220PSFDH1A

View GE IS220PSFDH1A page

2

GE IS200TRPGH2B-421084

View GE IS200TRPGH2B-421084 page

3

GE IS200SHRAH2A

View GE IS200SHRAH2A page

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GE IS200WROBH1A

View GE IS200WROBH1A page

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GE HE693SNP900

View GE HE693SNP900 page

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GE IC660BBD022-855138

View GE IC660BBD022-855138 page

7

GE RE421REPAH1APR4

View GE RE421REPAH1APR4 page

8

GE 8851-LC-MT

View GE 8851-LC-MT page

9

GE IS200DSPXH1DBD

View GE IS200DSPXH1DBD page

MANUFACTURER SOURCE RECORD

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

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.