

INDUSTRIAL AUTOMATION PRODUCT

IC660CBB903

Series Six Bus Controller without Diagnostics

GE IC660CBB903 is a Series Six Bus Controller without Diagnostics 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	IC660CBB903
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 IC660CBB903 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 IC660CBB903 is a Series Six Bus Controller without Diagnostics for the GE Genius I/O. It provides the documented field interface or control function in the configured system.

FUNCTION 1
Provides the documented series six bus controller without diagnostics function

FUNCTION 2
Uses exact catalog identity IC660CBB903 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	Series Six Bus Controller without Diagnostics
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 IC660CBB903 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
Host system	Series Six PLC	Device number range	0 to 31
Controller phase	Phase B	Bus termination	75, 100 or 150 ohms, or none
On-board diagnostics	Not included	Output reference bits	8
Bus diagnostics	Available through a Hand-held Monitor	Primary function	Interfaces a Genius serial bus to a Series Six PLC
Genius bus data rates	153.6 Kbaud standard/extended, 76.8 and		

RELATED GE PRODUCT PAGES

1GE IC693MDL741C

2GE IS215WEPAH2B

3GE IS215AEPCH2F

4GE IS210AEBIH3B

5GE IS200STCIH2AED

6GE IC693PWR331D

7GE IC200ALG620

8GE IS215WETAH1A

9GE MIVII1000E00HI00

ENGINEERING BOUNDARY

Confirm IC660CBB903, 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 IC660CBB903 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 series six bus controller without diagnostics function in an engineered station.

Distributed I/O refurbishment

Uses exact IC660CBB903 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 IC660CBB903 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	IC660CBB903 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 IC660CBB903, 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 IC693MDL741C

View GE IC693MDL741C page

2

GE IS215WEPAH2B

View GE IS215WEPAH2B page

3

GE IS215AEPCH2F

View GE IS215AEPCH2F page

4

GE IS210AEBIH3B

View GE IS210AEBIH3B page

5

GE IS200STCIH2AED

View GE IS200STCIH2AED page

6

GE IC693PWR331D

View GE IC693PWR331D page

7

GE IC200ALG620

View GE IC200ALG620 page

8

GE IS215WETAH1A

View GE IS215WETAH1A page

9

GE MIVII1000E00HI00

View GE MIVII1000E00HI00 page

MANUFACTURER SOURCE RECORD

Series Six Bus Controller User's Manual | GE Fanuc GFK-0171B

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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.