

INDUSTRIAL AUTOMATION PRODUCT

IC660HHM501

Phase B Genius Hand-held Monitor

GE IC660HHM501 is a Phase B Genius Hand-held Monitor 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	IC660HHM501
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 IC660HHM501 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 IC660HHM501 is a Phase B Genius Hand-held Monitor for the GE Genius I/O. It provides the documented field interface or control function in the configured system.

FUNCTION 1
Provides the documented phase b genius hand-held monitor function

FUNCTION 2
Uses exact catalog identity IC660HHM501 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	Phase B Genius Hand-held Monitor
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 IC660HHM501 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

4

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Display	Four lines by 16 characters	Charger power	115/230 VAC +/-15%, 47 to 63 Hz
Display character height	0.2 in (5 mm)	Operating temperature	0 to 60 degC
Keypad	20 sealed keys	Storage temperature	-40 to 70 degC
Languages	English, German, French and Italian	Humidity	5 to 95%, non-condensing
Bus data rates	153.6 Kbaud standard/extended, 76.8 and	Drop resistance	4 ft
Battery operation	6 hours when fully charged		

RELATED GE PRODUCT PAGES

1GE IC670MDL644

2GE IC670MDL730

3GE IC670MDL740

4GE IC670MDL742

5GE IC670MDL930

6GE IC670CHS002

7GE IC670CHS003

8GE IC670CHS004

9GE IC670TBM001

ENGINEERING BOUNDARY

Confirm IC660HHM501, 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 IC660HHM501 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 phase b genius hand-held monitor function in an engineered station.

Distributed I/O refurbishment

Uses exact IC660HHM501 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 IC660HHM501 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	IC660HHM501 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 IC660HHM501, 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 IC670MDL644

View GE IC670MDL644 page

2

GE IC670MDL730

View GE IC670MDL730 page

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GE IC670MDL740

View GE IC670MDL740 page

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GE IC670MDL742

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GE IC670CHS002

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GE IC670CHS004

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GE IC670TBM001

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MANUFACTURER SOURCE RECORD

Genius Hand-held Monitor User's Guide | GE Fanuc GFK-0121E, June 1994

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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.