

IC660HHM501

Phase B Genius Hand-held Monitor

Official GE Genius I/O reference for the documented phase b genius hand-held monitor.

PRODUCT SNAPSHOT

BRAND
General Electric

FAMILY
GE Genius I/O

PART
IC660HHM501

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

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PRODUCT OVERVIEW

IC660HHM501 provides the documented phase b genius hand-held monitor role for a matched GE Genius I/O installation.



Provides the documented phase b genius hand-held monitor function



Uses exact catalog identity IC660HHM501 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
IC660HHM501 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 IC660HHM501. Commissioning preserves the installed point map and verifies controlled field response.

TECHNICAL DATA

PARAMETER	VALUE
Display	Four lines by 16 characters
Display character height	0.2 in (5 mm)
Keypad	20 sealed keys
Languages	English, German, French and Italian
Bus data rates	153.6 Kbaud standard/extended, 76.8 and
Battery operation	6 hours when fully charged

PARAMETER	VALUE
Charger power	115/230 VAC +/-15%, 47 to 63 Hz
Operating temperature	0 to 60 degC
Storage temperature	-40 to 70 degC
Humidity	5 to 95%, non-condensing
Drop resistance	4 ft

RELATED GE PRODUCT PAGES

1GE IC670MDL930

2GE IC670CHS002

3GE IC670CHS003

4GE IC670CHS004

5GE IC670TBM001

6GE IC670MDL644

7GE IC670MDL730

8GE IC670MDL740

9GE IC670MDL742

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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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.

PRODUCT PRECAUTIONS

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.

5

Verify each documented value for IC660HHM501 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 IC660HHM501 identified?

Match the complete catalog number and the Phase B Genius Hand-held Monitor designation.

Q2 Which system accepts IC660HHM501?

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

Q3 What records are retained before removing IC660HHM501?

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

Q4 How is IC660HHM501 isolated safely?

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

Q5 Which official values govern IC660HHM501?

Display: Four lines by 16 characters; Display character height: 0.2 in (5 mm); Keypad: 20 sealed keys; Languages: English, German, French and Italian.

Q6 How is IC660HHM501 configuration restored?

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

Q7 Which diagnostics follow IC660HHM501 energization?

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

Q8 What releases IC660HHM501 to service?

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

RELATED APTER POWER PAGES

1 GE IC670MDL930

2 GE IC670CHS002

3 GE IC670CHS003

4 GE IC670CHS004

5 GE IC670TBM001

6 GE IC670MDL644

7 GE IC670MDL730

8 GE IC670MDL740

9 GE IC670MDL742

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