

IC660HHM500

Phase A Genius Hand-held Monitor

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

PRODUCT SNAPSHOT

BRAND

General Electric

FAMILY

GE Genius I/O

PART

IC660HHM500

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

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PRODUCT OVERVIEW

IC660HHM500 provides the documented phase a genius hand-held monitor role for a matched GE Genius I/O installation.



Provides the documented phase a genius hand-held monitor function



Uses exact catalog identity IC660HHM500 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
IC660HHM500 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 IC660HHM500. Commissioning preserves the installed point map and verifies controlled field response.

TECHNICAL DATA

PARAMETER	VALUE
Product phase	Phase A
Supported standard baud rate	153.6 Kbaud standard
Phase A maximum bus length	2000 ft
Software requirement	Version 1.7 or later for Phase B bus controllers/PCIM

PARAMETER	VALUE
Phase B block compatibility	Not fully compatible
Replacement monitor	IC660HHM501
Bus coexistence	Do not operate Phase A and Phase B HHMs together
Primary functions	Monitor data, display faults and perform permitted

RELATED GE PRODUCT PAGES

1

GE DS200SDCIG1AFB

2

GE IC670MDL640J

3

GE IC670MDL641

4

GE IC670MDL642

5

GE IC670MDL643

6

GE ICRXIBN7M000A-BA

7

GE IS200TBAIH1CCC

8

GE IS200EMIOH1AFB

9

GE IS400JPDHG1A

TECHNICAL NOTE

Install IC660HHM500 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 a genius hand-held monitor function in an engineered station.

Distributed I/O refurbishment

Uses exact IC660HHM500 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 IC660HHM500 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 IC660HHM500 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 IC660HHM500 identified?

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

Q2 Which system accepts IC660HHM500?

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

Q3 What records are retained before removing IC660HHM500?

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

Q4 How is IC660HHM500 isolated safely?

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

Q5 Which official values govern IC660HHM500?

Product phase: Phase A; Supported standard baud rate: 153.6 Kbaud standard; Phase A maximum bus length: 2000 ft; Software requirement: Version 1.7 or later for Phase B bus controllers/PCIM.

Q6 How is IC660HHM500 configuration restored?

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

Q7 Which diagnostics follow IC660HHM500 energization?

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

Q8 What releases IC660HHM500 to service?

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

RELATED APTER POWER PAGES

1 GE DS200SDCIG1AFB

2 GE IC670MDL640J

3 GE IC670MDL641

4 GE IC670MDL642

5 GE IC670MDL643

6 GE ICRXIBN7M000A-BA

7 GE IS200TBAIH1CCC

8 GE IS200EMIOH1AFB

9 GE IS400JPDHG1A

SOURCE Genius I/O System and Communications User's Manual | GE Fanuc GEK-90486F-1, November 1994

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