

INDUSTRIAL AUTOMATION PRODUCT

IC670FBI001

GE Fanuc Field Control FIP Bus Interface Unit, 24 VDC

Bidirectional WorldFIP network data, configuration and diagnostic traffic

IDENTITY	VERIFIED VALUE
Manufacturer	GE
System family	GE Fanuc Field Control distributed I/O
Part number	IC670FBI001
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named GE product record.

PARAMETER	TECHNICAL VALUE
Catalog number	IC670FBI001
Network	WorldFIP
Input power	24 V DC
Station capacity	Up to 8 Field Control I/O modules
Documented hardware revision	CC
Microprocessor firmware	MPMA1 version 2.01
GENA firmware	GENA1 version 2.0
FIP FDM library	Version 4.3
Configuration protocol	FIP protocol
Configuration records	Rate, time slot, board number and version status

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	WorldFIP network
Companion hardware	Field Control terminal block
Field connection	Up to eight compatible I/O modules
Primary system function	Connects the station to WorldFIP
Controlled acceptance duty	WorldFIP bus interface field station

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System Role and Architecture

Bidirectional WorldFIP network data, configuration and diagnostic traffic

FUNCTION 1

Connects the station to WorldFIP

FUNCTION 2

Supports up to eight Field Control I/O modules

FUNCTION 3

Exchanges configured input and output data with the host

FUNCTION 4

Provides station and module diagnostic access

Matched system components

- WorldFIP network
- Field Control terminal block
- Up to eight compatible I/O modules
- 24 V DC station power

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	WorldFIP network
Companion hardware	Field Control terminal block
Field connection	Up to eight compatible I/O modules
Primary system function	Connects the station to WorldFIP
Controlled acceptance duty	WorldFIP bus interface field station

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Applications and Engineering Context

WorldFIP bus interface field station

Connects the station to WorldFIP

Remote I/O cabinet integration

Supports up to eight Field Control I/O modules

Installed-base module renewal

Exchanges configured input and output data with the host

Controlled commissioning and diagnostics

Provides station and module diagnostic access

TECHNICAL NOTE

Confirm IC670FBI001, 24 V DC station power, network address, bus termination and the configured I/O map before connecting the station to the host.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC670FBI001 / IC670FBI001 recorded
Physical interface	WorldFIP network
Companion check	Field Control terminal block
Functional proof	Connects the station to WorldFIP
Application test	WorldFIP bus interface field station

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Engineering Precautions

1

Verify the complete IC670FBI001 catalog marking and assigned Field Control position before work.

2

Place the connected WorldFIP process in its approved maintenance state before disturbing the station.

3

Isolate BIU and field power, then confirm a safe condition at the IC670FBI001 terminal block.

4

Label and record network conductors, shield, termination and field-power wiring before disconnecting any conductor from IC670FBI001.

5

Use ESD controls and protect the module connector, terminal block keying and exposed electronics.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC695ALG600-DD	Related GE product	View IC695ALG600-DD page
IC694PWR321	Related GE product	View IC694PWR321 page
IC693MDL940H	Related GE product	View IC693MDL940H page
IC693MDL930C	Related GE product	View IC693MDL930C page
IC693CHS391N	Related GE product	View IC693CHS391N page
IC693ALG222C	Related GE product	View IC693ALG222C page
IC660TBA024	Related GE product	View IC660TBA024 page
IC660BBA104	Related GE product	View IC660BBA104 page

MANUFACTURER SOURCE RECORD

GE Fanuc Field Control FIP Bus Interface Unit Important Product Information

GFK-1564, June 1998

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