

Installation Identity and Scope

GE IC693BEM340 is a Series 90-30 FIP Bus Controller used to connect the PLC to a documented FIP network. Official CPU compatibility records require IC693BEM340 firmware version 3.00 or later with the referenced Series 90-30 CPU releases.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC693BEM340
Manufacturer	GE
Hardware type	Series 90-30 FIP Bus Controller
System family	Series 90-30
Official source	GFK-1512S and GFK-1490U, IC693BEM340 compatibility requirements

CONTROLLED ENGINEERING COPY

Use only the complete GE IC693BEM340 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC693BEM340

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete IC693BEM340 marking and hardware revision.
2	Record the installed IC693BEM340 firmware before replacement.
3	Use firmware version 3.00 or later where required by the documented CPU release.
4	Back up the Series 90-30 hardware configuration and FIP network parameters.
5	Confirm rack slot, backplane and CPU compatibility before installation.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC693BEM340
Physical interface	Exact GE IC693BEM340 nameplate and installed revision
Companion check	Documented Series 90-30 FIP Bus Controller system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric 531X111PSHARG1	View General Electric 531X111PSHARG1
General Electric 8021-CE-LH	View General Electric 8021-CE-LH
General Electric 8810-HI-TX-01	View General Electric 8810-HI-TX-01
General Electric 8811-IO-DC	View General Electric 8811-IO-DC
General Electric 8851-LC-MT	View General Electric 8851-LC-MT

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record GE IC693BEM340 and the installed revision exactly.
Controller family	Verify the documented value: Series 90-30.
Module type	Verify the documented value: FIP Bus Controller.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Series 90-30 FIP Bus Controller function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC693BEM340 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Controller family	Series 90-30
Module type	FIP Bus Controller
Network role	FIP fieldbus communications
Documented firmware requirement	Version 3.00 or later for the referenced CPU firmware releases

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric DS200TCEAG1BSF	View General Electric DS200TCEAG1BSF
General Electric IC600BF843	View General Electric IC600BF843

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete IC693BEM340 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is GE IC693BEM340?	It is the Series 90-30 FIP Bus Controller for a configured FIP fieldbus connection.
Which GE IC693BEM340 firmware is required by the cited CPU records?	The official compatibility records specify IC693BEM340 firmware version 3.00 or later.
Why must GE IC693BEM340 firmware be recorded before replacement?	CPU releases and FIP communication behavior depend on the documented module firmware compatibility.
What configuration must be preserved for GE IC693BEM340?	Preserve the rack slot, FIP node parameters, network topology and mapped PLC data.

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC693ALG391	View General Electric IC693ALG391
General Electric IC693ALG391G	View General Electric IC693ALG391G
General Electric IC693CMM321-KM	View General Electric IC693CMM321-KM
General Electric IC693MDL742	View General Electric IC693MDL742
General Electric IC694ALG221A	View General Electric IC694ALG221A

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Can GE IC693BEM340 be commissioned without checking the CPU revision?	No. The installed CPU model, firmware and programming environment must match the approved record.
What should be checked on the GE IC693BEM340 FIP connection?	Inspect the labeled network wiring, termination, node settings and bus diagnostics.
What confirms successful commissioning of GE IC693BEM340?	Normal module and bus diagnostics plus correct exchange of all configured FIP data confirm release.

MANUFACTURER SOURCE RECORDS

Emerson Series 90-30 CPU Important Product Information - GFK-1512S and GFK-1490U, IC693BEM340 compatibility requirements
Emerson Series 90-30 CPU Important Product Information - GFK-1512S and GFK-1490U, IC693BEM340 compatibility requirements

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC693BEM340 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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