



IC693BEM340

GE Fanuc Series 90-30 FIP Bus Controller

Product scope

- Interfaces a Series 90-30 PLC to a 1.0 MHz FIP I/O network.
- Provides two nine-pin bus connectors for simplex or redundant media.
- Includes an RS-485 serial port for configuration and firmware loading.
- The catalog number designates the 1.0 MHz Series 90-30 FIP Bus Controller rather than the separate Genius controller model.

Official source basis

GE Fanuc Series 90-30 FIP Bus Controller User's Manual GFK-1213 and Series 90-30 Installation and Hardware Manual GFK-0356Q.

Technical facts are limited to the identified manufacturer documentation and the exact ordering configuration shown above.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	GE Fanuc IC693BEM340	

This web-optimized Apter Power copy preserves the manufacturer technical meaning and contains no external clickable links.

IC693BEM340 technical profile

GE Fanuc IC693BEM340 is the rack-mounted FIP Bus Controller for Series 90-30 PLC systems. It links the controller to Factory Instrumentation Protocol devices through two front-panel fieldbus connectors and an onboard RS-485 service port.

The module manages cyclic I/O exchange, configuration data and fault reporting for Field Control stations, remote I/O drops, compatible Series 90-70 nodes and generic FIP devices. Redundant media can be implemented by using both FIP channels.

Selection must not be confused with the IC693BEM331 Genius Bus Controller. Confirm the 1.0 MHz network, CPU firmware, configuration mode, software revision, rack slot and fieldbus connector wiring before installation.

Selection notice

IC693BEM340 is a FIP controller, not a Genius module; power must be off before installation and the unused FIP connector requires its protective cap.

Technical specifications

Catalog number	IC693BEM340
Network protocol	FIP / Factory Instrumentation Protocol
Network rate	1.0 MHz
Bus media	Simplex or redundant
FIP connectors	2 × 9-pin D-sub
Service connector	15-pin RS-485
Status indicators	6 front-panel LEDs
Module OK indicator	Green OK LED provided
RUN indicator	Green RUN LED provided
Channel 1 indicators	Channel 1 Carrier Detect and Transmit Enable LEDs
Channel 2 indicators	Channel 2 Carrier Detect and Transmit Enable LEDs
Rack type	Series 90-30 CPU or I/O rack
Preferred location	Main rack
CPU compatibility	IC693 CPU models 311 through 351
Minimum CPU firmware	Release 5.0 for original operation; later modes may require newer release
Module setup switches	No DIP switches or jumpers
Firmware loading	Via front RS-485 port
Configuration modes	10, 11, 20 and later mode 30 by firmware
Redundancy support	Dual FIP media
Installation power state	Power OFF required
Primary reference	GFK-1213

Application and integration notes

Communication	• The controller operates on the documented 1.0 MHz FIP network used by IC693BEM340. • Two nine-pin D-sub bus connectors support one or two FIP media channels. • A front fifteen-pin RS-485 port is reserved for configuration and firmware-loading functions.
Configuration	• The module supports the manual-defined operating modes, including later mode 30 firmware capability. • Configuration can be entered with supported Series 90-30 programming tools or the FBCLOAD utility. • CPU and software revision requirements must be checked against the installed module firmware.
Compatibility	• The module plugs into a Series 90-30 CPU or I/O rack, with the main rack preferred for performance. • Field Control stations, remote drops and supported FIP devices can share the connected network. • IC693BEM341 is the 2.5 MHz counterpart and must not be substituted on a 1.0 MHz network without redesign.

Request product documentation and quotation support

Send the complete label, system configuration, quantity and destination.



Email: info@apterpower.com **Phone:** +86 18106909650

Apter Power is not an authorized distributor, reseller or representative of the products featured.