

IC660CBB902

Series Six Genius I/O Phase B Bus Controller with Diagnostics

The GE Fanuc IC660CBB902 is a Phase B Genius I/O bus controller with diagnostics for a Series Six programmable controller. It links the Series Six PLC to a Genius serial bus and coordinates cyclic I/O, device diagnostics and supported datagram communications.

Manufacturer	GE Fanuc Automation
Complete model	IC660CBB902
Product description	Series Six Genius I/O Phase B Bus Controller with Diagnostics
Prepared by	Apter Power
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SCAN FOR PRODUCT & QUOTE

IC660CBB902

1. Product overview and identity

The GE Fanuc IC660CBB902 is a Phase B Genius I/O bus controller with diagnostics for a Series Six programmable controller. It links the Series Six PLC to a Genius serial bus and coordinates cyclic I/O, device diagnostics and supported datagram communications.

System function

Installed in a compatible Series Six rack, the controller scans Genius I/O devices, transfers input data to the PLC and sends output data from the PLC to the bus. Phase B operation also supports programmed communications and documented redundancy arrangements. It is a communications controller; the attached Genius blocks determine the physical discrete, analog or RTD signal characteristics.

Verified technical information

Parameter	Verified value
Complete model	IC660CBB902
Product type	Series Six Genius I/O bus controller with diagnostics
Hardware generation	Phase B
Network	Genius serial bus
Documented Phase B features	Programmed communications and redundancy support
Extended device support	RTD blocks and Genius blocks with more than 64 input or output bits
Direct field channels	None; determined by connected Genius I/O blocks

2. Integration and verification

Signals and data handled

Genius serial-bus I/O data, device diagnostics and supported programmed communications. Field signal voltage, current and sensor type are defined by each connected Genius I/O block.

Companion components

Series Six CPU and compatible rack, Genius I/O serial bus, Genius I/O blocks, approved bus cable and terminating resistors, and a compatible Hand-held Monitor for setup and diagnostics.

Common industrial applications

Legacy Series Six automation systems with distributed Genius I/O, including process skids, utility systems, material handling and installations requiring CPU communications or supported bus redundancy.

Product precautions

- Match the complete IC660CBB902 revision and Series Six CPU/software compatibility before installation.
- Keep bus data rate, cable type, total length, termination and device addresses consistent with the approved Genius network design.
- Do not apply field ratings from the bus controller to an I/O point; verify the individual Genius block manual.

Manufacturer publications

Manufacturer publication	Source access
GE Fanuc Series Six Bus Controller User's Manual, GFK-0171B	Publication cited by title and document number; no third-party URL embedded.
GEK-90486F Genius I/O System and Communications User's Manual	Publication cited by title and document number; no third-party URL embedded.

Only information traceable to the named manufacturer publications is stated. Missing electrical, dimensional, lifecycle, origin and compatibility values are intentionally not inferred. Confirm the complete physical nameplate, revision, approvals, wiring and current manufacturer instructions before use.