IMPORTANT PRODUCT INFORMATION

Product: FIP Bus Controller

This is release 2.00 of the FIP Bus Controller. This release provides both asynchronous and synchronous I/O scanning of the FIP network, a generic FIP messaging interface to the PLC application program, state change detection message forwarding, clock forwarding, and TCP/IP communications. This release also supports FIP network speeds of 1.0MHz and 2.5MHz. Limitations of this release are described under *Operating Notes*.

Hardware Identification

IC697BEM742–BA (or later)	FC7B1 (1.0MHz) full slot
IC687BEM742–BA (or later)	FC7B1 (1.0MHz) slot
IC697BEM744–BA (or later)	FC7D1 (2.5MHz) full slot
IC687BEM744–BA (or later)	FC7D1 (2.5MHz) slot

Compatibility

- This release of the FIP Bus Controller is *not compatible* with any earlier release of the FIP Bus Controller.

- This release of the FIP Bus Controller *must* be used with Release 7 or later of the CPU. It is incompatible with all earlier releases of the CPU.

- This release of the FIP Bus Controller *must* be used with Version 2 or later of the programming software and Version 2.00 or later of the Network Configuration Tool. This release is incompatible with all earlier releases of the programming software. This release is also incompatible with all releases of Logicmaster software.

Operating Notes

Certain Bus Conditions May Affect Network I/O

Events such as simultaneous switching of redundant busses, partial bus breaks (one of twisted pair), or a different bus broken on potential arbiters may cause glitches of I/O on the network.

Hardware Configuration Cannot Be Stored via TCP/IP

The hardware configuration cannot be successfully stored through a FIP TCP/IP connection.

Point Fault Contacts For Generic Input Data Are Not Set

When a COMV from a generic device cannot be consumed successfully, the point fault contacts for the generic input data are not set. They are always clear. However, if the device that produces the generic data is lost, the subscriber fault contact is correctly set.

Ping Messages of 3000 Bytes or More May Cause the FBC to Hang

If a Ping message of 3000 bytes or more is sent to the FBC, it may result in hanging or crashing the FBC module.