IMPORTANT PRODUCT INFORMATION

READ THIS INFORMATION FIRST

Product: PROFIBUS DP Slave for IC693 PLC

IC693PBS201-BB and later with Firmware Release 1.28.1

Version 1.28.1 of the IC693 PROFIBUS Slave module (IC693PBS201) firmware corrects the following defect, which is described in detail on page 2. No new features were added:

■   "CPU374 and PBS201 Backplane Communications with PLC fault, lost request"

All previous firmware versions are replaced by this release. The new firmware is backward compatible with all previous firmware and hardware versions of the IC693PBS201.

Update Strategy

This firmware release is available as field upgrade kit (part number 44A752227-G01). The field upgrade kit is orderable in disk form from the factory and is available as a free download on the GE Fanuc web site

Operating Notes

Rack/Slot Location Limitations

The IC693PBS201 PROFIBUS Slave Module may be operated only in the main rack of a 90-30 system; operation in expansion or remote racks is not supported.

Users migrating from the HE693PBM105

The following issues should be considered when attempting to migrate applications that used the HE693PBM105 to the IC693PBS201:

- The definition of the first nine bits of the status word of the IC693PBS201 are different than in the HE693PBM105.
- The input data for the IC693PBS201 contains a word that communicates the slave's firmware ID. This input word was not present in the HE693PBM105.

Operation of SYS LED

The SYS LED indicates if the IC693PBS201 is being scanned by the PROFIBUS master, if it is faulted, and its configuration state. Changes to the host PLC CPU state (Run, Stop/No IO, etc.) do not affect the state of the SYS LED.

Data Sent to PROFIBUS Master when Host PLC CPU is in Stop/No IO Mode

When the IC693PBS201's host PLC CPU enters Stop/No IO Mode, the IC693PBS201 sends the last set of data received from the host PLC CPU before the transition to Stop/No IO Mode to the PROFIBUS Master. This operation continues until the host PLC CPU enters Run Mode or Stop/IO Scan Mode.

Functional Compatibility

IC693CPU374 Compatibility

IC693PBS201 firmware version 1.28.1 or later is required to use this module with the IC693CPU374.

HHP Support

The Hand-Held Programmer (IC693PRG300) cannot be used to configure the IC693PBS201.

Programmer Version Requirements

The IC693PBS201 can be configured and programmed with CIMPLICITY® Machine Edition Logic Developer PLC version 2.6 or later. No other programmers support configuration of this module.

GSD File Information

The module's GSD file is included with the programming software. It is named "GEF_0616.gsd" and its current version is 1.1. The updated GSD file is included with the field upgrade kit and is available as a separate download on the GE Fanuc web site.

Problems Resolved by this Revision

"Backplane Communications with PLC fault; lost request" with CPU374

A "Backplane Communications with PLC fault; lost request" is intermittently logged in the PLC Fault table when using the IC693PBS201 PROFIBUS Slave with an IC693CPU374.