GE Fanuc IC695PBM300

http://www.pdfsupply.com/automation/ge-fanuc/rx3i-pacsystem/IC695PBM300

Rx3i PacSystem

RX3i PROFIBUS Master Module (must be installed on RX3i PCI bus).
IC695P IC695PB IC695PBM

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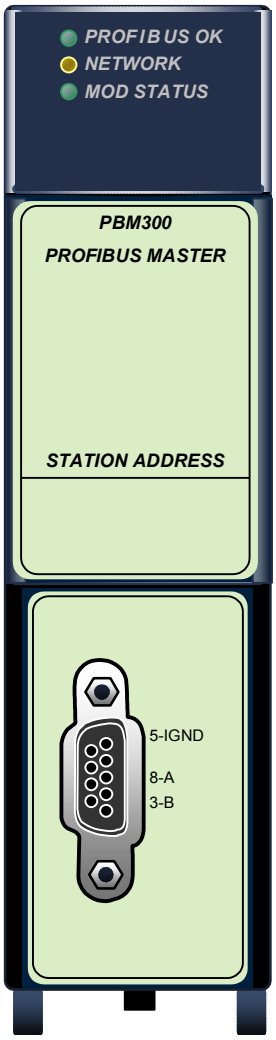
Profibus Master Module, IC695PBM300

The RX3i PROFIBUS Master Module, IC695PBM300, allows the RX3i CPU to send and receive data on a PROFIBUS-DP network.



Features

The IC695PBM300 module provides the following features:

- supports up to 125 PROFIBUS-DP slaves
- supports up to 244 bytes of input data and 244 bytes of output data per slave
- Supports up to 3,584 bytes of input data and 3,584 bytes of output data total
- Supports all standard data rates
- Supports Sync and Freeze modes
- Supports DP-V1 Read, Write and Alarm messages
- PROFIBUS-compliant Module and Network Status LEDs

For more information about this module, please refer to the *PACSystems RX3i Profibus Module User's Manual,* GFK-2301.

Compatibility

The PROFIBUS Master module requires an RX3i CPU with firmware version 2.9 or later. This module must be located in an RX3i Universal Backplane.

The module requires Machine Edition Version 5.0 SP2 Logic Developer-PLC or later for configuration.

Specifications: IC695PBM300

Backplane Current Consumption	440 mA @ 3.3 VDC
Data rates	Supports all standard data rates (9.6 kBit/s, 19.2 kBit/s, 93.75 kBit/s, 187.5 kBit/s, 500 kBit/s, 1.5 MBit/s, 3 MBit/s, 6 MBit/s and 12 MBit/s)
Status Information Available	Slave Status Bit Array Table Network Diagnostic Counters DP Master Diagnostic Counters Firmware Module Revision Slave Diagnostic Address

Profibus Master Module Controls and Indicators

Network Connector

The Profibus Master module has a 9-pin sub-D connector for attaching the bus cable. For pin assignments, segment length, cable type and termination requirements, refer to the *RX3i PACSystems PROFIBUS Modules User's Manual,* GFK-2301.

LEDs

The PROFIBUS Master module provides three PROFIBUS-compliant LEDs that indicate module and network status.

- The green OK LED indicates the presence of power, and completion of backplane reset.
- The bicolor Network LED is steadily yellow when the module is holding the PROFIBUS token and able to transmit PROFIBUS telegrams. It flashes yellow if the module is sharing the network with another PROFIBUS master. The Network LED is red if a communications problem such as a connection timeout exists with at least one slave on the network.
- The bi-color Mod Status LED indicates module status. When this LED is steadily green, the module is configured and has established a connection with a least one device on the network. If it is flashing green, the module may be waiting for a configuration or may have a firmware problem. If it is flashing yellow, the module is in boot loader mode, downloading firmware, or has a non-recoverable error. The rate of LED flashing provides additional status information as described in the *RX3i Profibus Modules User's Manual.*