



Ethernet Interface Module

Catalog Number 1785-ENET, Series C, Revision B

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About This Publication

Use this document along with your PLC-5 Ethernet Interface Module Installation Instructions, publication 1785-IN019.

Channel 3A Default

The module's channel 3A default is Autonegotiate 10/100 half duplex.

Enhancement

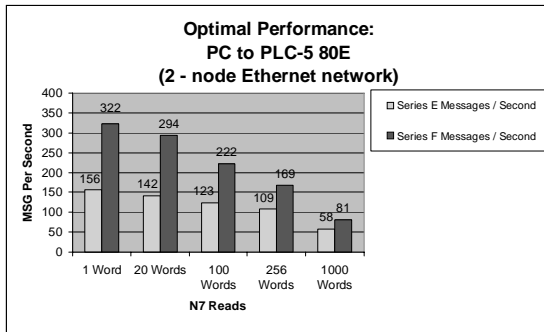
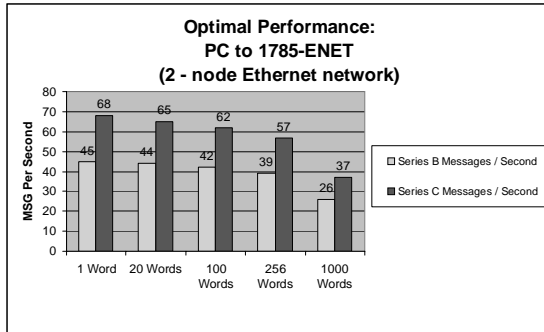
The module is capable of managing a sustained Ethernet traffic rate of 45 frames per 10 ms interval. In the rare cases when traffic exceeds that, the module activates a storm-handling mechanism. When this occurs, the module may drop some received frames to prevent it from locking up. The module increments the storm counter once during this interval. Transmission Control Protocol (TCP) frames that were dropped during the storm will be retransmitted by the source. To minimize the chances of storms occurring, use Ethernet switches instead of Ethernet hubs.

Known Anomaly

Port status information within the RSLogix5 Channel Status screens may not be accurate. This anomaly is corrected in the latest released version of PLC-5 firmware. If you do not have the latest revision of PLC-5 firmware, use the Ethernet Configuration Status Web page for port status.

Performance Considerations and Improvements

If you are using the module with an Ethernet PLC-5 controller, and require greater performance, we recommend using channel 2 on the controller instead of Channel 3A on the module.



Additional Resources

Title	Publication
PLC-5 Ethernet Interface Module Installation Instructions	1785-IN019
PLC-5 Ethernet Interface Module User Manual, Series A and Series B	1785-6.5.19
Enhanced and Ethernet PLC-5 Programmable Controllers User Manual	1785-UM012

You can view or download publications at <http://literature.rockwellautomation.com>. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

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