Enhanced PLC-5 Programmable Controllers

(Cat. No. 1785-L11B, -L20B, -L26B, -L30B, -L40B, -L40L, -L46B, -L60B, -L60L, -L80B, -L86B)

Introduction

These release notes describes the changes to the PLC-5® firmware included in the series E, revision D.1 release for the Enhanced PLC-5 programmable controllers.

Enhancements

This release includes this enhancement in Enhanced PLC-5 processors:

- to provide more security on PLC-5 processors, the processor no longer supports the use of a "back door" password as a default password to gain access to privilege classes when passwords are enabled.

Corrected Anomalies

The following anomalies have been corrected in this release of the Enhanced PLC-5 processors.

Corrected anomaly:	Description:
block-transfer errors	When downloading a program to or creating a new ladder program in a PLC-5 processor with block-transfers on channel 1B, the block-transfers on channel 1B would error with a -10 error code if the channel 2B scan list was modified. This anomaly only appeared in the series E, revision D release and has been corrected.
PLC-5 fault when using a 1756-ENET module	When a PLC-5 processor with an Ethernet interface module sends a high rate of messages through the interface module, the interface module could fault. This anomaly has been corrected. Using RSLogix 5 programming software to upload a program over Ethernet through the sidecar module could fault the PLC-5 processor. This anomaly has been corrected.
fault routine always runs	The PLC-5 processor executes the user fault routine for every major fault. This release corrected this anomaly so that the user fault routine only runs for those major faults that don't require processor operation to stop.

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