GE
Grid Solutions

Multilin 750/760 Feeder Management Relay Firmware Version 7.49 Release

Overview

GE Grid Solutions issues the Multilin SR750 Feeder Management Relay firmware 7.49 release. Highlights of this release include:

- Correction to initial Phase IOC Direction.
- Correction for Autoreclose with External Manual Close.
- Improved communication after Ethernet traffic burst.

- Release Date: July 30, 2018

Upgrading from a previous version of the 750 firmware to the new version 7.49 can be done via EnerVista Launchpad or the upgrade can be downloaded directly from:

www.gegridsolutions.com\multilin\software\750.htm

SR750 Enervista Setup software revision 7.48 supports firmware version 7.49.

SR750 Enervista Setup software revision 7.48 is compatible with Windows 7 (SP1 or later), Windows 8.1 and Windows 10 – 32 bit or 64 bit Operating systems.

Please contact your local Multilin sales representative or Multilin Customer Service Department for any questions regarding this upgrade.

Release details

In the following change descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for additional details.

Firmware Version 7.49

F **Correction to initial Phase IOC Direction**

In previous versions of firmware with PHASE INSTANTANEOUS OVERCURRENT enabled for TRIP and DIRECTION enabled for Reverse, the current direction was momentarily ignored at firmware initialization. This could cause nuisance trips at the time of firmware initialization (when control power switched from OFF to ON or when firmware re-initialized because of internal watchdog reset).

Version 7.49 corrects this issue.

P **Correction for Autoreclose with External Manual Close**

In firmware versions 7.46, 7.47, and 7.48, Autoreclose with setting AR EXTERNAL CLOSE LOGIC enabled goes to lockout after first shot.

Version 7.49 corrects this issue.

C **Improved communication after Ethernet traffic burst**

In previous versions of firmware, the relay's Ethernet interface can stop communicating, when exposed to a continuous burst of numerous internet protocol packets. Protection elements remain in service. To resume Ethernet communication the relay must be restarted by control power off followed by control power on.

Version 7.49 corrects this issue. In the event of a transient Ethernet traffic burst, the relay now automatically restarts its Ethernet interface and resumes communication.

Upgrade paths

This upgrade can be done either via EnerVista Launchpad or by direct download from the following site:
http://www.gegridsolutions.com/app/ViewFiles.aspx?prod=750&type=7

If using EnerVista Launchpad, follow these steps:

1. Open EnerVista Launchpad
2. Click "IED Setup"
3. Click "Check Updates". Note: this will check for updates to all of the IED setup software shown.
4. Select the 750 version 7.49 upgrade for download.

Note: 750 Firmware version 7.49 can only be uploaded to existing 750 devices that have 750 Firmware version 7.xx.

Please contact your local Multilin sales representative or Multilin Customer Service Department for any questions regarding this upgrade.

Appendix

Change categories

This document uses the following categories to classify the changes.

Table 1: Revision Categories

Code	Category	Comments
N	New feature	A separate feature added to the relay. Changes to existing features even if they significantly expand the functionality are not in this category
G	Change	A neutral change that does not bring any new value and is not correcting any known problem
E	Enhancement	Modification of an existing feature bringing extra value to the application
D	Changed, incomplete or false faceplate indications	Changes to, or problems with text messages, LEDs and user pushbuttons
R	Changed, incomplete or false relay records	Changes to, or problems with relay records (oscillography, demand, fault reports, etc.)
C	Protocols and communications	Changes to, or problems with protocols or communication features
M	Metering	Metering out of specification or other metering problems
P	Protection out of specification	Protection operates correctly but does not meet published specifications (example: delayed trip)
U	Unavailability of protection	Protection not available in a self-demonstrating way so that corrective actions could be taken immediately
H	Hidden failure to trip	Protection may not operate when it should
F	False trip	Protection may operate when it should not
B	Unexpected restart	Relay restarts unexpectedly

The revision category letter is placed to the left of the change description.

For further assistance

For product support, contact the information and call center as follows:

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