GE
Grid Solutions

Multilin 3 Series Protection and Control Relay Platform

Firmware Version 2.60 and Software Version 2.60 Release Notes

Overview

Summary

GE Grid Solutions releases firmware version 2.60 and software version 2.60 for Multilin 3 Series Protection Relays. Highlights of this release include the following:

Multilin 3 Series Firmware Version 2.60 and Software Version 2.60

- **Platform**
  - IEC 61850 Enhancements

- **350**
  - Synchrocheck

Release Date: **May 21, 2021**

Upgrading from a previous version of the 3 Series firmware to the new 2.60 firmware can be done via the EnerVista 3 Series Setup application.

NOTE: Some units manufactured with firmware version 1.20 or below may result in ERROR CODE 1 and an out of service status if they are upgraded to version 2.31 or higher. Contact the factory before upgrading any unit manufactured with firmware version 1.20 or below.

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

Release details

In the following release descriptions, a revision category letter is placed to the left of the description. See the Appendix at the end of this document for a description of the categories displayed.

Firmware Version 2.60 and Software Version 2.60

Platform

C   **IEC 61850 Enhancements**
Added two new operands to data points available in IEC 61850 list.
- Setting Change – indicating any setting on the product was modified
the Setting Change is mapped to the Logical Node LPHD, attribute 'SetChang'
- Firmware Upgrade – indicating a firmware upgrade is initiated
the Firmware Upgrade is mapped to the Logical Node LPHD, attribute 'FWSuccess'

350

P   **Synchrocheck**
Resolved a product limitation on the Maximum Voltage Difference setting which applied incorrect hysteresis if set to 4090 Volts or higher. In previous firmware versions hysteresis was incorrectly calculated for such large setting value and caused chattering of logical state.

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

For further assistance

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

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