GE
Grid Solutions

Multilin 8 Series

Firmware Version 2.63

Release Notes

GE Publication Number: GER-4889

Overview

Summary

GE Grid Solutions releases 8 Series firmware version 2.63 for Multilin 8 Series Protection Relays.

Highlights of this release include the following:

Multilin 8 Series firmware version 2.63

- **Platform**
  - Enabled Phase CT and VT Polarity setting
  - Auxiliary Relay configured for Pulse type logical change
  - Enhanced Rate-of-Change-of-Frequency (ROCOF)
- **889**
  - Percent Differential initial performance

Release Date: **12 June 2020**

Multilin 8 Series firmware versions 1.2x and below cannot be upgraded to firmware version 2.63. Please contact us to upgrade the product.

Upgrading the firmware to version 2.63 by downloading the file directly from our website:

850 Feeder Protection System

The latest EnerVista 8 Series Setup software is available at the same location. The software supports Windows 7, 8.1, and 10.

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 2.63

Platform

N **Enabled Phase CT and VT Polarity setting**
Enabled the CT and VT Polarity setting use

G **Auxiliary Relay configured for Pulse type logical change**
Changed the logical behavior of Seal-in Timer when Block signal is temporarily applied

E **Enhanced Rate-of-Change-of-Frequency (ROCOF)**
Rate-of-Change-of-Frequency (ROCOF) element was improved to follow more precisely system frequency changes. In the previous firmware releases during fast fluctuations of the system frequency, ROCOF could be slow to adjust to such system frequency fluctuations due to internal security checks performed on the input signal

889

F **Percent Differential initial performance**
Corrected generator percent differential metering. In v2.60-2.62 the relay used uninitialized parameters to incorrectly calculate differential current if percent differential element was enabled for the very first time, initiating a trip.

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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