## GE

## **Grid Solutions**

# Multilin 489 Generator Management Relay

# **Firmware Version 4.08**

## **Release Notes**

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#### **Overview**

### **Summary**

GE Grid Solutions releases firmware version 4.08 for Multilin 489 Generator Management Relay. Highlights of this release include the following:

#### Firmware Version 4.08

Correction to event data on the HMI

Release Date: May 28, 2022

Upgrading from a previous version of the firmware to the new 4.08 firmware can be done via the EnerVista 489 Setup application.

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 4.08**

#### D Correction to event data on the HMI

Event data formatting corrected on the HMI (front panel display), when displaying the RTD numbers. Modbus interface not affected.

# **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.)  |
| С    | 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                                       |
| Н    | Hidden failure to trip                             | Protection may not operate when it should  |
| F    | False trip   | Protection may operate when it should not  |
| В    | Unexpected restart                                 | Relay restarts unexpectedly  |

## For further assistance

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

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