GE Digital Energy

Multilin RRTD Remote RTD Module

Firmware Revision 1.53 Release Notes

GE Publication Number: GER-4436

Overview

Summary

GE Digital Energy releases firmware version 1.53 for the Multilin RRTD Remote RTD Module which features improvements to the functionality and operation of the device. Highlights of this release include:

- Improvements to RTD#11 setting

- Improvements to data storage in event records

This document contains the release notes for the 1.53 release of the RRTD Remote RTD Module.

- Affected product: Multilin RRTD Remote RTD Module
- Date of release: March 26, 2012
- Firmware revision: 1.53

ATTENTION: GE's Multilin RRTD Firmware v 1.53 release is backwards compatible with previous versions of Multilin RRTD hardware. GE does not recommend reverting to a previous firmware revision, once the unit has been upgraded to firmware v1.53.

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.

Multilin RRTD Remote RTD Module

F   **Improvements to RTD#11 "RTD-TYPE" setting storage capabilities**

In prior firmware versions (1.52 and below), we have identified instances where out of range values were being stored for **RTD#11 "RTD-TYPE"** setpoint. In these cases, the RTD#11 would read 200^0 C causing the trip relay to operate, if set for trip.

This issue has been corrected in firmware version 1.53

R   **Improvements to "Last Reset Date" data storage in Multilin RRTD event record**

In prior firmware versions (1.52 and below), we have identified instances where an interruption of supply power to the Multilin RRTD may cause an incorrect value to be stored for the "Last Reset Date" record in the event recorder.

In such cases, the operation of the device and the associated protective relay are not affected.

The issue has been corrected in firmware version 1.53

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.

Multilin technical support

Multilin contact information and call center for product support is shown below:

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