

3 Series Protection & Control Relays

Firmware Version 2.50

Release Notes

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Release October 30, 2019

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Overview

Summary

GE Grid Solutions releases firmware version 2.50 for the 3 Series product platform for protection relays 339, 345, and 350. Highlights of this release include the following:

339 Motor Protection System

- Add FlexCurves for Time Overcurrent protection.

350 Feeder Protection System

- Avoid restart when reading 14-character input names.

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Upgrading from a previous version of the 3 Series firmware to the new 2.50 firmware can be done via the EnerVista 3 Series Setup application.

Upgrade 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 GE sales representative or Customer Service Department (CST) 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. Refer to the Appendix at the end of this document for a description of the categories displayed.

Multilin 3 Series Firmware Version 2.50

339 Motor Protection

E **Added FlexCurves for Time Overcurrent protection.**

In previous versions of firmware for 339 Motor Protection Relay, FlexCurves were not selectable for Phase and Neutral Time Overcurrent protection (51P/51N).

In firmware version 2.50 FlexCurve C and FlexCurve D have been added to the selectable curve options.

350 Feeder Protection

B **Avoid restart when reading 14-character input names.**

In previous firmware versions, use a maximum of 13 characters for contact input names, as using all 14 available characters makes it impossible to obtain input status through actual values screen. Viewing actual value contact input status on the HMI causes the relay to reboot.

In version 2.50 this issue was resolved, and 14 characters can be used for names of contact inputs.

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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