

# Multilin 469 Motor Management Relay

## Firmware Version 5.23 Release

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### Overview

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#### Summary

GE Grid Solutions issues the Multilin SR469 Motor Management Relay firmware 5.23 release. Highlights of this release include:

- Enhancement to relay self-test warnings.
- Change to passcode security.
- Correction to relay output minimum hold time.
- Release Date: November 15, 2016

Upgrading from a previous version of the 469 firmware to the new version 5.23 can be done via EnerVista Launchpad or the upgrade can be downloaded directly from:

[www.gegridsolutions.com/multilin/software/469.htm](http://www.gegridsolutions.com/multilin/software/469.htm)

SR469 EnerVista Setup software revision 4.05 is compatible with Windows 7 (SP1 or later), Windows 8.1 and Windows 10 – 32-bit or 64-bit operating systems.

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

## Release details

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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.

### Firmware Version 5.23

#### **E** Enhancement to relay self-test warnings

“Service Alarm” events added to the event recorder.

When the service relay operates an event is added to the event recorder. The cause of event in the event recorder is shown as “Service Alarm”. A flash message on the front panel indicates the specific cause.

#### **C** Change to passcode security

This change improves relay security against unauthorized access to settings.

A passcode is used for authenticated access to settings. In previous versions, the front panel display and Modbus communications presented an encrypted cipher text of the passcode. DNP communication did not present this cypher text.

Version 5.23 disables access to the encrypted cipher text.

#### **P** Correction to relay output minimum hold time

The minimum output hold time is 100 milliseconds.

In version 5.22 only, trip or alarm relays have a minimum output hold time of about 30 milliseconds.

## Upgrade paths

This upgrade can be done either via EnerVista Launchpad or by direct download from the following site:

<http://www.gegridsolutions.com/app/ViewFiles.aspx?prod=469&type=7>

If using EnerVista Launchpad, follow these steps:

1. Open EnerVista Launchpad
2. Click "IED Setup".
3. Click "Check Updates". Note: this will check for updates to all of the IED setup software shown.
4. Select the 469 version 5.23 upgrade for download.

Note: 469 Firmware version 5.23 can only be uploaded to existing 469 devices that have Firmware version 5.xx.

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

## 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

GE Grid Solutions - Multilin contact information and call center for product support is shown below:

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