

# MM300 Motor Management System

## Firmware Version 1.73 Update

### Release Notes

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#### Overview

#### Summary

GE Grid Solutions releases Firmware version 1.73 for the MM300 Motor Protection System, providing an update to previously released version 1.72. This firmware is specific to the MM300 and does not affect other devices within this product platform. Highlights of this release include the following:

- Improved Comms OK LED behavior
- Implemented IO-E board configuration and status menus access through Graphical Control Panel (GCP) or Hand Held Device (HHD)

Release Date: January 20<sup>th</sup>, 2020

Upgrading from a previous version of the MM300 firmware to the new V1.73 firmware can be done via the EnerVista MM300/MM200 Setup application, as described in *Upgrading relay firmware* chapter in the instruction manual.

**Please contact your local GE sales representative or Customer Service Department (CST) for any questions regarding this upgrade.**

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## 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 MM300 Motor Protection System Firmware version 1.73

#### **D Comms OK LED indication improvement**

The Comms OK LED activation routine has been enhanced to ensure a more accurate indication of a communication data loss situation.

Under certain circumstances, it has been detected that the Comms OK LED could incorrectly indicate a communication data lost, when, in fact, no communication data is lost.

To improve this behavior, the Comms OK LED and Communication Trip/Alarm check timings have been aligned.

#### **E IO-E visualization implementation in HMI**

IO-E board related contact inputs and outputs status and configuration menus are only available through MM300/MM200 EnerVista Setup software.

From 1.73 FW version onwards, IO-E board related contact inputs and outputs status and configuration menus will be also available through the Graphical Control Panel (GCP) or Hand Held Device (HHD).

## Appendix

### Change categories

This document uses the following categories to classify the changes.

**Table 1: Revision Categories**

Code	Category	Comments
<b>N</b>	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
<b>G</b>	Change	A neutral change that does not bring any new value and is not correcting any known problem
<b>E</b>	Enhancement	Modification of an existing feature bringing extra value to the application
<b>D</b>	Changed, incomplete or false faceplate indications	Changes to, or problems with text messages, LEDs and user pushbuttons
<b>R</b>	Changed, incomplete or false relay records	Changes to, or problems with relay records (oscillography, demand, fault reports, etc.)
<b>C</b>	Protocols and communications	Changes to, or problems with protocols or communication features
<b>M</b>	Metering	Metering out of specification or other metering problems
<b>P</b>	Protection out of specification	Protection operates correctly but does not meet published specifications (example: delayed trip)
<b>U</b>	Unavailability of protection	Protection not available in a self-demonstrating way so that corrective actions could be taken immediately
<b>H</b>	Hidden failure to trip	Protection may not operate when it should
<b>F</b>	False trip	Protection may operate when it should not
<b>B</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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