

MM200 Motor Management System

Firmware Version 1.27 Release Notes

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Overview

Summary

GE Grid Solutions releases firmware version 1.27 for the MM200 Motor Management System. This firmware is specific to the MM200 and does not affect other devices within this product platform. Highlights of this release include the following:

- Added support for extended Profibus DPV1 functionalities (Parameter acyclic read and write operations).

Release Date: September 27th, 2018

Upgrading from a previous version of the MM200 firmware to the new 1.27 firmware can be done via the Enervista MM200/MM300 Setup application. Download the firmware package through Enervista Launchpad or directly at the following link:

<http://www.gedigitalenergygegridsolutions.com/app/ViewFiles.aspx?prod=mm200&type=7>

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.

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E Extended Profibus DPV1 functionalities.

Access to any Modbus memory mapped address via Profibus protocol (Acyclic operations), which allows access to any memory mapped address, including:

- Actual Value reading;
- Parameters reading;
- Parameters writing;
- Execute command.

Backward Compatibility

Some options have been added, modified or removed, so different backward compatibility scenarios must be considered.

- Hardware Revision **"A"** can be upgraded up to version 1.25.
If you need to upgrade units with Hardware Revision **"A"** to firmware version 1.27, contact GE.
- All other Hardware Revisions can be upgraded to version 1.27.

Check the Hardware Revision under **Diagnostics > Information > Hardware Revision** as shown in the following example for Hardware Revision **"D"**:

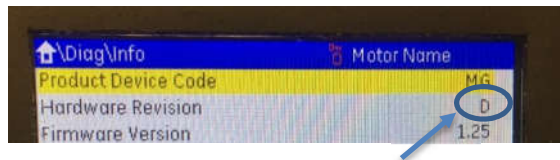


Figure 2: HHD with Hardware Revision D shown under Diagnostics > Information

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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