



## 1 Sauer-Danfoss HWD DP200-00-00-02-00-00 10107353 Revision History

This file contains important supplementary and late-breaking information that may not appear in the main product documentation. We recommend that you read this file in its entirety.

## 2 Version 10107353v110 (June 2010)

### 2.1 What is New

- Requires minimum 4.3.7 version of PLUS+1 GUIDE / Service Tool.
- Added a new Screen Editor image format that is optimized for the properties of the display.
- Added ECUInfoPacked support. The packed infoblock contains data about the controller, application and embedded operating system of a hardware unit.
- Increased the usable non-volatile memory area size from 1000 to 2000 bytes.
- Amber LED support has been added.
- Repeat-Until component support has been added.
- Get Time us component support has been added.
- Added validity check before the real time clock date and time is changed.

### 2.2 Fixes to the HWD

- Added support for all conversion characters for value formatting in text that are listed in the PLUS+1 GUIDE user manual.
- Fixed support for Multiple Read Only Parameters.
- Fixed a graphic object visible signal issue. Sometimes it falsely indicated non-visibility for visible objects.
- Fixed enabling and disabling of screen areas in modules. This bug resulted in blank screen areas without content.
- A function is introduced that shut off the frequency and count measurements when signals of a frequency above 10 kHz is inputted. This prevents the unit from stalling.
- Reduced the performance impact of high frequency signals inputted on C1p10 and C1p11.
- Fixed the %% conversion pattern for the printing of the percent sign.
- Fixed reference point issue for non rotated monochrome images.
- Fixed a issue that resulted in that applications restarted at irregular intervals.
- Fixed the previously non-functional CAN bus-off error state recovery function.
- Fixed the issue with the processing time in the cycle following the first processing time being 400 ms instead of the time requested with the OS.ExecTimeout variable.

### 2.3 Known issues

- The appearance of sloped lines on the display is not always consistent with the appearance in the PLUS+1 GUIDE Screen Editor.
- The processing loop time can fluctuate slightly above the requested time set by the OS.ExecTimeout variable.

### **3 Product Information on the Web**

For technical information, visit the Sauer-Danfoss PLUS+1 website: ([www.sauer-danfoss-plus1.com](http://www.sauer-danfoss-plus1.com)).

Telephone support can be obtained by calling:

North America: Toll free number 1-888-50PLUS1 (1-888-507-5871)

Europe: +46 476-569 06

Please report all suggested enhancements and great ideas to [helpdesk@sauer-danfoss-plus1.com](mailto:helpdesk@sauer-danfoss-plus1.com)

Please report all defects to [helpdesk@sauer-danfoss-plus1.com](mailto:helpdesk@sauer-danfoss-plus1.com)

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