

# Release paper Firmware GMM phasecut



## Version V006 from 2015-12-08

Master: GRCP                      H00X S006a (b)  
Slave: PHC/GPHC                H00X S006

### New software features:

- none

### Corrected errors:

When within an hour no cooling capacity is needed, then the motor output relays are deactivated. If the cooling capacity is needed again, the motor output relays will not be activated. This behavior only applies for the GMMphasecut compact devices with the software version V005 only.

Source: Y.Ruts	Changed: Y.Ruts	Checked: M.Jabs	Release: M.Jabs	ReleasePaperFirmwareGMMphasecut_EN	
Date:08.12.2015	Date:08.12.2015	Date:08.12.2015	Date:08.12.2015	Revision: 6.0	
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## Version V005 from 2015-10-01

Master: GRCP                      H00X S005a (b)  
Slave: PHC/GPHC                H00X S005

### New software features:

- none

### Corrected errors:

- Sporadic blowing of input and output fuses  
This may occur in cases with supply imbalance / phase failure or strong mains voltage fluctuations  
(The thyristor module has been revised)

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## Version V004 from 2015-08-12

Master: GRCP                      H00X S004a (b)  
Slave: PHC/GPHC                H00X S004

### New software features:

- When the commissioning will be performed, then the power units software version will be showed
- When the ENPO power units input not active, then the alert will be not stored
- The display text "ENPO" renamed in "not enab."
- If the HW bypass active, then the power unit will be not disabled and it keeps the current control value, so that after return to normal operation (HW bypass is off) the power unit takes current control value
- If a phase failure occurs, then the GRCP operates the fans by an on-off control, because it is unknown, where the phase failure occurred
- State of power units can be required via the CAN interface

### Corrected errors:

- Correction of the display messages and warnings after the start of the controller
- The start of power units is now sequentially. In non-sequential start the collisions of CAN messages occur
- After the request via the CAN interface to load the default settings, no acknowledgment of receipt has been sent
- After the occurrence of the "GHM NOK" message no more messages were displayed
- After requirement the HW bypass to disable, the HW bypass several times has switched on and off again

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## Version V003 from 2015-06-22

Master: GRCP                      H00X S003a (b)  
Slave: PHC/GPHC                H00X S003

### New software features:

- Enhancements for CAN-Parameter-access: parameter operation hours and state
- Additions and corrections to the CAN parameter interface used by the new Wi-Fi module.
- Default value from phasecut Parameter "acceleration" was set to 25 Seconds.
- Default value from phasecut Parameter "deceleration" was set to 25 Seconds.

### Corrected errors:

- **Bugfix:** Error while read/write access via CAN-Bus to parameter date/time

### Additional notes:

- **The contents of the provided language versions are:  
Language version "a" now contains German, English and French.  
Language version "b" contains English, Spanish and Portuguese.**

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## Version V002 from 2014-06-27

Master: GRCP                      H00X S002  
Slave: PHC/GPHC                H00X S002

### New software features:

- GHM Spray support
- Improved commissioning
- Improved slave control

### Corrected errors:

- none

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## Version V001 from 05.05.2014

Master: GRCP                      H00X S001  
Slave: PHC/GPHC                H00X S001

### New software features:

- none

### Corrected errors:

- none

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