13.1 Procedure for updating software

1 Read out and write down all parameter contents.
(also note software version in r060.001 and r065.001!)

Note:
The parameter set can be transferred to a PC or programming device by means of DriveMonitor (see also Section 15).

2 Switch off electronics power supply

3 Connect one COM port on the PC to connector X300 on the converter

Cable order number: 6SX7005-0AB00
(see also Section 15.3)

4 Switch on electronics power supply AND press down the UP key on the PMU of the SIMOREG converter at the same time

⇒ The SIMOREG converter switches to operating state o13.0

Note:
A software update can be started only from the PMU panel and not via an OP1S or the DriveMonitor system

5 Open a DOS window on the PC and enter program call:

`HEXLOAD 7001Axxx.H86 7001Bxxx.H86 COMx`

Start the program by pressing Return

⇒ The software update is performed automatically

Note:
HEXLOAD.EXE: Loading program
7001Axxx.H86 and 7001Bxxx.H86:
Data files which contain the SIMOREG software xxx is the SW release
COMx: COM1 or COM2

6 ⇒ When the software has been updated successfully, the SIMOREG switches to operating state o13.2 for approx. 1 s

⇒ The SIMOREG converter then switches to operating state o12.9 in many cases (depending on which SW version was previously installed in the converter) for approximately 15s.

Note:
The currently programmed addressed is displayed on the PMU while the update is in progress
The current status of the update routine is displayed on the PC

7 Check the checksum:
Comparison of the value of parameter r062.001 with the checksum in the Internet under menu item "Info" (see the inside page of the cover sheet of the operation instructions).

8 Was the electronics supply disconnected while Step 6 was in progress?

? yes

9b Acknowledge any fault message that may appear on the SIMOREG device

10b Restore default setting
(see Section 7.4)

11b Start up the converter again
(see Section 7.5)
Note:
The parameter set stored in Step 1 above can be loaded from a PC or programming device by means of DriveMonitor.

no

12 **End**