AFE Control Revision History

Rev. 40.73

Issues fixed

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New functionality

1. **FFE** functionality (C.0=1), C.0=0 AFE Control
2. **New management of PreCharge system**: P.66 =PreCharge Time 1 [ms] ; P.67=PreCharge Time 2 [ms] - LVFRT (CEI-016)

Rev. 40.71 – 10/05/2013

Issues fixed

1. Id_ref (sign) is fixed also with C80=1
2. Corrected the current reading at the middle of PWM impulse. (No defect were signaled about this problem)

New functionality

1. The angle shift is writable by the Application trough theta_rif_pos
2. Soft start is by-passed directly if, when mains come back, the DC Bus voltage is grater than 90% its nominal value
3. Fieldbus Ethercat fully available
4. P.08 (DC Bus Reference) can be changed online
5. C26 to multiply by 10 the signal of the thermal pellet (P95) d41 in kOhm
6. A waiting time of 500ms was after the end of soft start to avoid switching of the command IP
7. Modbus The broadcast and the remote trigger