

Release Notes

AC500 CPU Firmware

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Improvements in Firmware V2.5.3

Real time clock:

POU 'CurTimeEx' return 65535 in Day of Week on Sunday. Fixed

System:

PLC failure if maximum number of tasks (100) is exceed. Fixed

PM573-ETH: don't startup after a power off for <1s. Fixed

Note: The FW of PM573-ETH and PM573-ETH-XC from Index B4 and B8 couldn't be downgraded anymore, the FW doesn't allow a downgrade to FW < 2.5.3. HW changes doesn't support older FW.

SMTP

CPU stops when an email is sent on a Sunday. Fixed

Some mail servers reject email addresses without "<>". Fixed

Improve stability of SMTP. Fixed

Modbus TCP

Stop communication as a Modbus server after telegram with function code 43. Fixed

SD card

Several removing/plugging of SD card in run mode of PLC can lead to an exception. Fixed

EtherCAT

Configuration error when using EtherCAT slave with only Inputs or only Outputs. Fixed

ARCNET

CPU PM590-ARCNET (1SAP145000R0261) cannot operate on TB521-ARCNET (limited status 1SAP112100R0160). Not fixed, use today active TB521-ARCNET (1SAP112100R0260).

Webserver

Improve stability. Fixed

Improve stability of JAVA script. Fixed

New Features

DC541-CM

The DC541-CM module now supports in standard several modes which where before only on specific versions. Only one HW module with new FW and new functions available for all. Compatible with previous applications.

- Support of PWM mode
- Support of Dampener mode

Support of new devices

New CANopen Master Communication module CM598-CN (as replacement of CM578-CN)

Support of new feature for that communication module:

- Sync Mode triggered by CAN2A/CAN2B message, this feature will start a CPU task on receiving a special CAN 2A/2B message