

eControl and CANopen I/O modules

Real time PLC with several CANopen expansion modules

eControl is a real time PLC with 16 digital and 2 analogue in- and outputs. In order to gain a maximum of possible application fields it uses Codesys V3 as a runtime system. There are all programming languages contained in one program, making the PLC a powerful and universally usable tool. It incorporates a CAN interface according to CiA 301 and CiA 401 with a maximum transfer rate of 1 Mbit/s.

The control system consists of two basic components. The PLC as a higher-level controller and as an upgrade for the direct connection of sensors/actuators the modular IO modules.

PLC

The control unit has a powerful CPU with 400 MHz and is equipped with a 4.3" or 7" touch screen. There is one CAN port which is specified via CANopen. The compact housing allows an use in harsh environments and all interfaces such as Ethernet, USB, CAN or power supply are fitted on the backside. The integrated LAN interface can be used for debugging, remote maintenance, software updates or parent visualizations. Therefore, the data is stored on an integrated SD card.

Master module and modular IO modules

The master module is a CAN interface module with integrated IO's and provides a serial interface for further expansion IO modules. The module has a μ -controller and controls the entire IO system.

The following extensions are available:

- 8DI/8DO
- 2x motor full-bridge (10A)
- 2PT100/1000
- 2AI/2AO
- Relay module

Features of eControl

- Quick visualization of CAN-Data
- Powerful PowerPC
- Ethernet, USB, CAN
- Remote control
- Various CANopen expansion modules

Contact

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Features

No features listed.