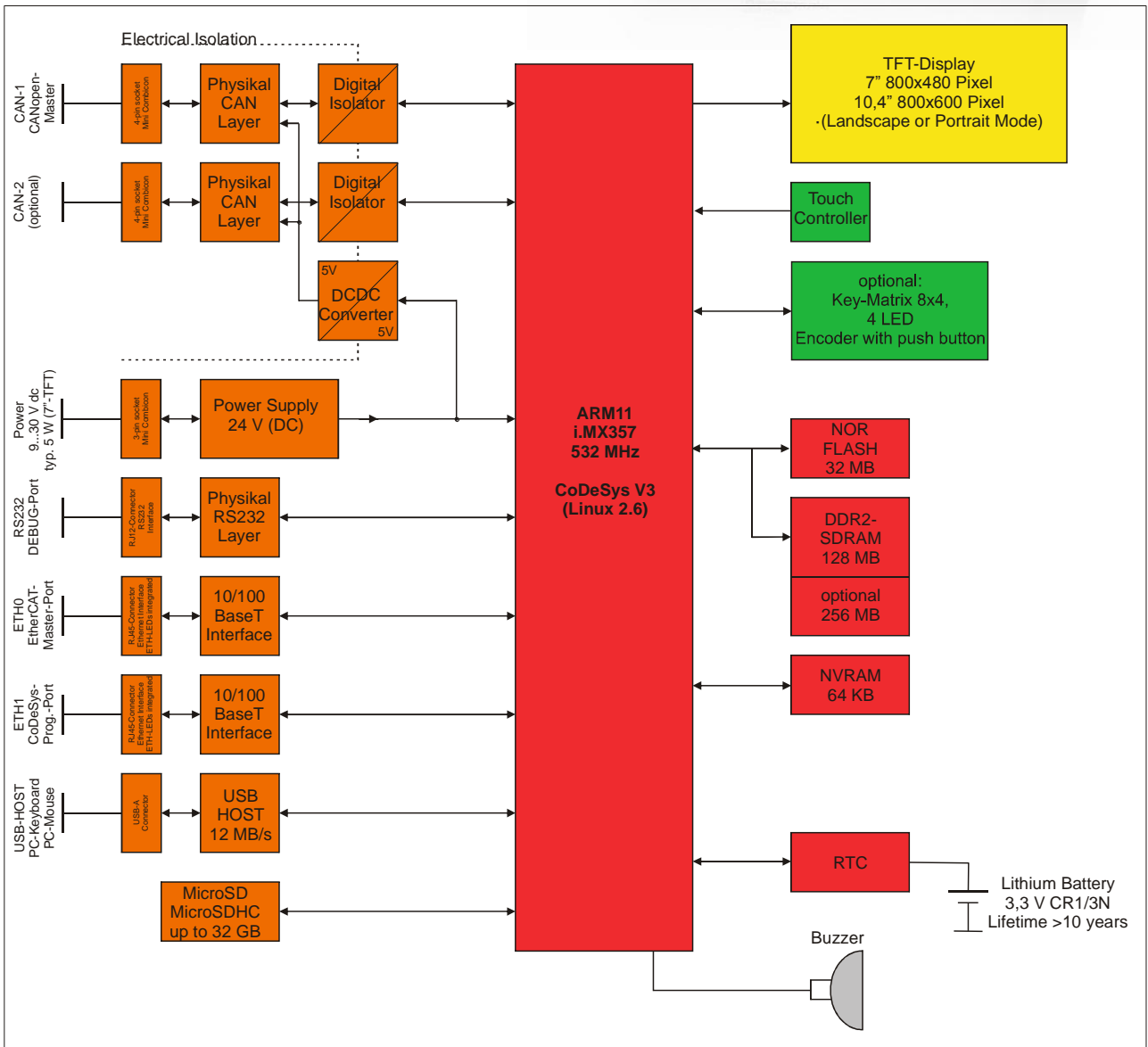


CPT 800 A

CODESYS V3.5 built-in terminal with EtherCAT¹-Master and CANopen-Master. It is Available with a resistive touchscreen in 7" size. The terminals are also offered with customized front panels.



Block diagram



¹ EtherCAT[®] is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

Technical Features

| | |
|-------------------|--|
| Technical data | <ul style="list-style-type: none"> ✓ Power supply: 9...30 Vdc ✓ Power consumption: max. 6 W ✓ Operating temperature: -20...55°C |
| System (software) | <ul style="list-style-type: none"> ✓ CODESYS V3.5: IEC-61131-3 ✓ EtherCAT®: EtherCAT®- Master ✓ CAN: CANopen-Master ✓ Option: Licence for web-visualization |
| Interface | <ul style="list-style-type: none"> ✓ Ethernet: 2x (10/100 MBit/s) – <u>without</u> switch ETH0: PC-programming interface ETH1: EtherCAT®¹ ✓ CAN: 1x (10 KBit/s...1 MBit/s), electrically isolated ✓ USB-Host: 1x USB 2.0 ✓ RS232 1x ✓ Micro SD 1x ✓ Encoder optional |
| Electronic | <ul style="list-style-type: none"> ✓ Microprocessor: ARM11 / 532 MHz ✓ DDR2-SDRAM: 128 MByte (option: 256 MB) ✓ NOR-FLASH: 32 MByte ✓ NVRAM 64 kByte ✓ Running time (in µs): 4 x (at 1.000 binary- / word instructions) |
| Enclosure | <ul style="list-style-type: none"> ✓ Material front panel: Alu (optional stainless steel, plastic or glass) ✓ Colour: RAL 7035 (light grey) ✓ Protection class: Front panel IP65 otherwise IP20 ✓ Connectors: 4-pole terminal blocks for CAN, 3-pole terminal block for power supply, DSUB 9-pole for RS232 ,two RJ45-ports for Ethernet And one Micro SD slot ✓ Mounting: Screwable front panel, 1 Micro SD slot ✓ Dimension: 150 (h) x 210 (w) x 56 (d) mm ✓ Options: Colour and material of the front panel customized |

Order no.: **70560** [128 MByte DDR2-SDRAM]
 70570 [256 MByte DDR2--SDRAM]

Technical changes without prior notice possible.

Release: 12/2014