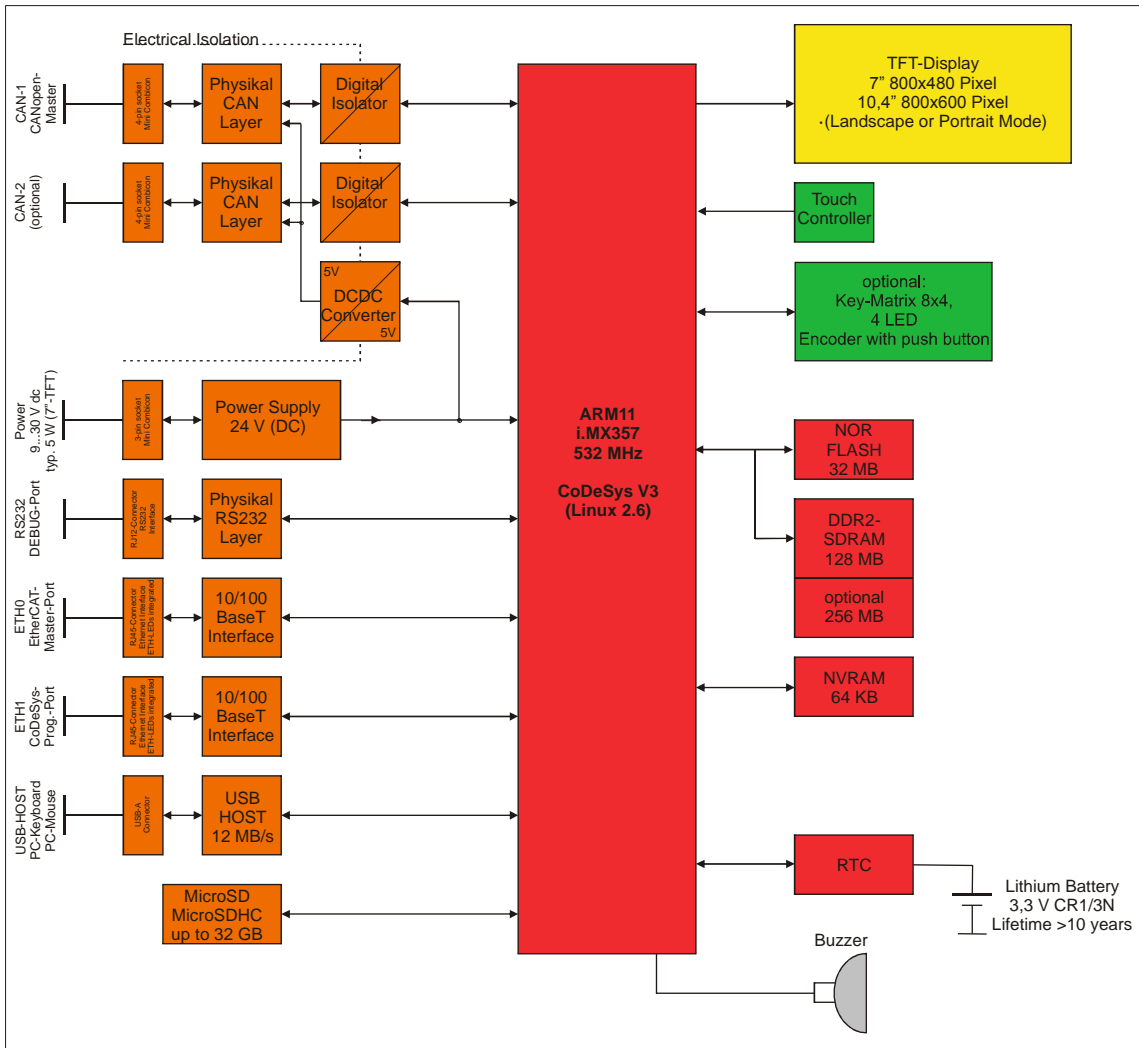


## CPT 800 B

CODESYS V3.5 built-in terminal with EtherCAT<sup>1</sup>-Master and CANopen-Master. It is Available with a resistive touchscreen in 10,4" size. The terminals are also offered with customized front panels.



### Block diagram



<sup>1</sup> EtherCAT<sup>®</sup> is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

## Technical Features

Technical data	<ul style="list-style-type: none"> <li>✓ Power supply: 9...30 Vdc</li> <li>✓ Power consumption: max. 8 W</li> <li>✓ Operating temperature: -20...55°C</li> </ul>
System (software)	<ul style="list-style-type: none"> <li>✓ CODESYS V3.5: IEC-61131-3</li> <li>✓ EtherCAT®: EtherCAT®- Master</li> <li>✓ CAN: CANopen-Master</li> <li>✓ Option: Licence for web-visualization</li> </ul>
Interface	<ul style="list-style-type: none"> <li>✓ Ethernet: 2x (10/100 MBit/s) – <u>without</u> switch ETH0: PC-programming interface ETH1: EtherCAT®<sup>1</sup></li> <li>✓ CAN: 1x (10 KBit/s...1 MBit/s), electrically isolated</li> <li>✓ USB-Host: 1x USB 2.0</li> <li>✓ RS232 1x</li> <li>✓ Micro SD 1x</li> <li>✓ Encoder optional</li> </ul>
Electronic	<ul style="list-style-type: none"> <li>✓ Microprocessor: ARM11 / 532 MHz</li> <li>✓ DDR2-SDRAM: 128 MByte (option: 256 MB)</li> <li>✓ NOR-FLASH: 32 MByte</li> <li>✓ NVRAM 64 kByte</li> <li>✓ Running time (in µs): 4 x (at 1.000 binary- / word instructions)</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>✓ Material front panel: Alu (optional stainless steel, plastic or glass)</li> <li>✓ Colour: RAL 7035 (light grey)</li> <li>✓ Protection class: Front panel IP65 otherwise IP20</li> <li>✓ 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</li> <li>✓ Mounting: Screwable front panel, 1 Micro SD slot</li> <li>✓ Dimension: 226 (h) x 279 (w) x 56 (d) mm</li> <li>✓ Options: Colour and material of the front panel customized</li> </ul>

**Order no.:**        **70660**    [128 MByte DDR2-SDRAM]  
                           **70670**    [256 MByte DDR2--SDRAM]

Technical changes without prior notice possible.

Release: 12/2014