

## The fast S7-CX317 series:

# S7-CX317S



EtherCAT®

### The S7-compatible PLC based on Beckhoff-hardware with EtherCAT

**RAM:** 16 MB

**Load memory:** 4 MB

**Retain memory:** 64 kB

**Processing time:** 0,075µs/Instr.

- PU functions with STEP®7 or S7 for Windows® over Ethernet with the ISO on TCP (RFC1006) or the **IBHLink** protocol.
- Online connections via PROFIBUS-DP are possible with the Beckhoff PROFIBUS Master EL6731. Operator panels (OPs) and PU devices can be connected in the usual way to PROFIBUS-DP.
- HMI applications can connect via ISO on TCP (RFC1006), the **IBHLink** protocol or via the optional **IBH OPC Server** for the visualization PC.
- Diagnostics and HMI via Intranet/Internet with the integrated web server.
- PLC to PLC communication via the integrated Ethernet CP.
- Based on the reliable and flexible Beckhoff hardware.
- In conjunction with the Beckhoff TwinSAFE modules, safety functions (f.i. emergency stop) can be realized very easy and cost-efficient with the **S7-CX317, S7-CX317S** and **S7-CX416 PLC**.
- Using the EtherCAT technology, it is possible to integrate other fieldbus segments, as for instance PROFIBUS DP, CANOpen, AS-i, DeviceNet, ControlNet, Modbus, Fipio, CC-Link and SERCOS interface at any place of the EtherCAT network.
- For the operation in building automation, the bus systems LON, EIB/KNX, MP, as well as DALI are available.
- Special functions for the peripheral devices (ADS functions) can be called via integrated function blocks.
- Available with **DVI/USB** interface.