Item description

Function:

EtherCAT is a powerful real-time ETHERNET fieldbus system that has become standard in many industrial automation applications. The PFC200 Controller (2nd generation) can run as an EtherCAT master. This requires a license.

The EtherCAT system is configured via special configuration dialogs in the *e!COCKPIT* Engineering Software. These specify:

- That the controller should function as an EtherCAT master
- What field devices should be addressed
- What form the topology of the network takes
- What parameter values should be sent to the slaves upon startup

Besides the protocol stack in the form of a library, the runtime system also provides components for direct access to the ETHERNET interface and diagnostics.

Advantages:

- Using the PFC200 as an EtherCAT Master
- Controlling WAGO slaves with the EtherCAT fieldbus system, e.g., the EtherCAT Fieldbus Coupler of the WAGO I/O System 750

Subject to changes. Please also observe the further product documentation!

■ Controlling additional field devices, which can be declared in *e!COCKPIT* via a standardized device description

Use:

Enter the license into *e!COCKPIT*, assign it to a controller and load both the license and project into the controller. No other installation steps are required.

Technical Data:

Distributed clocks

Hot connect

Bus diagnostics: In the configurator and with the PLC application

Supported layer 7 protocols:

■ CoE (CANopen / CAN over EtherCAT)

■ FoE (File over EtherCAT),

■ VoE (Vendor over EtherCAT)

Compatible Controllers:

750-8212; PFC200; G2; 2ETH RS

750-8213; PFC200; G2; 2ETH CAN

750-8214; PFC200; G2; 2ETH RS CAN

750-8215; PFC200; G2; 4ETH CAN USB

750-8216; PFC200; G2; 2ETH RS CAN DPS

Besides the basic controller variants listed here, the license can also be used on these controllers' variants. For details, see the product information of the corresponding controller.

For detailed information on the controllers, go to: www.wago.com/itemnumbers

Data
System requirements

Other required software	e!COCKPIT version: V1.5.0

Delivery

Delivery type	License certificate via email (e!COCKPIT already contains the software itself)
License type note	The single license allows installation on one controller. One license per controller is required.
License type note (2)	A PC with both Internet connection and e!COCKPIT may be required for license activation.

Subject to changes. Please also observe the further product documentation!

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

Commercial data

Packaging type	0
Country of origin	QU
GTIN	4055143801515
Customs Tariff No.	88888888888

Counterpart

Downloads
Documentation

Manual

e!RUNTIME EtherCAT® Master	V 1.1.1 Dec 17, 2019	pdf 879.5 kB	Download

Bid Text

2759-263/210-1000 GAEB X81 - Datei	May 14, 2019	xml 6.2 kB	Download
2759-263/210-1000 GAEB docx - Datei	Jan 10, 2019	docx 17.8 kB	Download

System Description

Software – General Product Information		pdf 485.7 kB	Download

Additional Information

e!RUNTIME EtherCAT® Master	V 1.1.1 Dec 17, 2019	pdf 879.5 kB	Download

Installation Notes

Subject to changes. Please also observe the further product documentation!

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