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.

Benefits:

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

Use:

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

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

Software data

Supported devices	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

Delivery

Delivery type	License certificate via email (*e!COCKPIT* already contains the

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	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.
Licence Generation	DRM

Commercial data

ETIM 8.0	EC001435
ETIM 7.0	EC001435
PU (SPU)	1 pcs
Country of origin	DE
GTIN	4055143801478
Customs tariff number	88888888888

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads
Documentation

Manual

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

Bid Text

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

System Description

Software – General Product Information		pdf 377.6 kB	Download

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

Application Notes

Application Note e!COCKPIT

e!COCKPIT Application Note EtherCAT IO-Field (a2022003)	1.0.0	pptx	Download
WAGO EtherCAT Master, EoE access with IO-Field devices	2023 Mar 23	2.2 MB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2759-263/211-1000		URL	Download
Runtime; EtherCAT Master; 300; Single License; Online activation			

Installation Notes

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