



## Item description

### Function:

The parameters for communication per the IEC 60870 protocol can be set with a configurator that is integrated into the *e!COCKPIT* Software. The configurator sets up IEC 60870 objects, while configuring data exchange to the PLC application or I/O modules. Importing and exporting functions in a CSV format allows configured data to be transmitted to other engineering tools.

With this license, the protocols IEC 60870-5-101 and -104 can be activated on the slave, and the protocol -103 activated on the master only. This permits the creation of gateways that convert one protocol into another, e.g., allowing protection devices to be read out via IEC 60870-5-103 and data to be transmitted to the network control system via IEC 60870-5-104.

The time on the telecontrol substation (slave) can be directly synchronized via either the IEC 60870 protocol with object 103 or via (S)NTP. IEC 60870-5-101/-104 information objects can be used to monitor the direction of single, double and step messages – bit patterns, counter values, as well as normalized, scaled and floating point measurement values can also be used. All information objects can be transmitted with or without a time stamp. This also applies to information objects in the control direction.

An IEC 60870-5-104 slave can simultaneously maintain up to four connections to the control system (master).

### Your Benefits:

- Use of the PFC200 Controller as a telecontrol substation (slave) on an IEC 60870-5-101/-104 control system (master)
- Processing data from one or more IEC 60870-5-103 protection devices (slaves) with the PFC200 controller (master)
- Creation of a gateway application to transfer data from IEC 60870-5-103-protective devices to an IEC 60870-5-101/-104 control system.

### Use:

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

### Technical Data:

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

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Do you have any questions about our products?

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



See Section "Functionality of the WAGO Protocol Library according to IEC 60870-5-101, and -104" in Product Manual "Planning DNP3 / IEC 60870 with the Telecontrol Configurator and *e!COCKPIT*."

## Data

### System requirements

Other required software

*e!COCKPIT* version: V1.7

### Software data

Supported devices

750-8210: PFC200; G2; 4ETH RS  
 750-8210/025-000: PFC200; G2; 4ETH RS; T  
 750-8210/040-000: PFC200; G2; 4ETH RS; XTR  
 750-8217: PFC200; G2; LTE 2ETH RS  
 750-8217/025-000: PFC200; G2; LTE 2ETH RS; T

## 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.

Note on license type (2)

A PC with both Internet connection and *e!COCKPIT* may be required for license activation.

## Commercial data

PU (SPU)

1 Pieces

Country of origin

QU

GTIN

4055144006407

Customs tariff number

88888888888

## Downloads

### Documentation

#### Manual

Configure IEC 60870  
with Telecontrol Configurator and *e!COCKPIT*

V 1.0.0  
2020年11月13日

pdf  
6.5 MB

Download

### System Description

Software – General Product Information

pdf  
485.7 kB

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2759-290/211-1000  
e!RUNTIME; IEC60870 Slave; Single License; Online activation

URL

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## Installation Notes

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

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