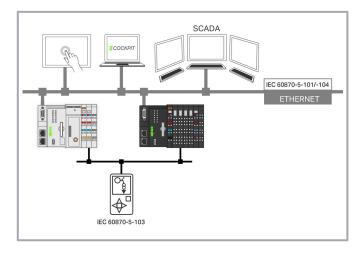
# Data sheet | Item number: 2759-290/211-1000

e!RUNTIME; IEC60870 Slave; Single License; Online activation

www.wago.com/2759-290/211-1000





### 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 eICOCKPIT, 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!

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.

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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."

## System requirements

Other required software

| 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          |

e!COCKPIT version: V1.7

750-8217/025-000: PFC200; G2; LTE 2ETH RS; T

## Delivery

| Delivery type            | License certificate via email ( <i>e!COCKPIT</i> 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 <i>elCOCKPIT</i> may be required for license activation.   |

# Commercial data

| PU (SPU)              | 1 Pieces      |
|-----------------------|---------------|
| Country of origin     | QU            |
| GTIN                  | 4055144006407 |
| Customs tariff number | 8888888888    |

## **Downloads**

#### **Documentation**

# Manual

| Configure IEC 60870                         | V 1.0.0     | pdf    | Download |
|---|-------------|--------|----------|
| with Telecontrol Configurator and e!COCKPIT | 2020年11月13日 | 6.5 MB |          |

### **System Description**

| Software – General Product Information | pdf      | Download |
|--|----------|----------|
|  | 485.7 kB |          |

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

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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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