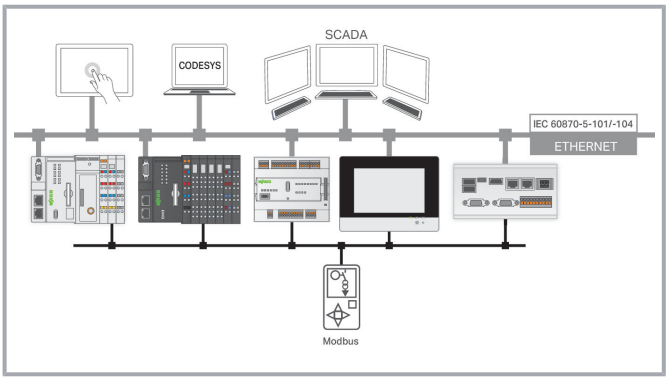
Data sheet | Item number: 2759-290/211-1000

Runtime; IEC60870 Slave; Single License; Online activation

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



Item description

Function:

Communication according to the IEC 60870 Protocol can be conveniently parameterized with a configurator 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. Import and export functions in CSV format allow configured data to be transmitted to other engineering tools.

With this license, the IEC 60870-5-101 and -104 Protocols on the slave. This permits the creation of gateways that convert one protocol into another, e.g., allowing protection devices to be read out via Modbus 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 the PFC200 Controller as a telecontrol substation (slave) on an IEC 60870-5-101/-104 control system (master).
- Create a gateway application to transfer data from Modbus protection devices to an IEC 60870-5-101/-104 control system.

Uses:

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.

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

Technical Data:

See Section “Functionality of the WAGO Protocol Library according to IEC 60870-5-101, and -104” in Product Manual “Configuring the IEC 60870 Protocol.”

Data

System requirements

Other required software	CODESYS V3.5 SP16 and higher

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 per email
License type (note)	Single license allows installation on one device. One license per device is required.
License type (note) (2)	An Internet connection to the PC that's equipped with CODESYS or the WAGOupload tool may be required for license activation.
License generation	DRM

Commercial data

ETIM 9.0	EC001435
ETIM 8.0	EC001435
ECCN	NO DATA
PU (SPU)	1 pcs
Country of origin	QU
GTIN	4066966054248
Customs tariff number	88888888888

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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Downloads

Documentation

Manual

Product Manual Configure IEC 60870 with Telecontrol Configurator and e!COCKPIT	V 1.4.0 Jul 19, 2024	pdf 9.3 MB	Download

System Description

Software – General Product Information		pdf 470.0 kB	Download

Software Solutions (Applications)

WAGO Application Grid Gateway

WAGO Application Grid Gateway	URL	Download

WAGO Application Grid Gateway supports power distribution grid operators in assessing grid performance. This application allows grid operators to use their existing distribution grid more efficiently, while avoiding unnecessary grid expansion. The measurement technology required in the substations for both the transformer and low-voltage outputs can be easily retrofitted.

The application can be used for a 30-day trial period at no cost, after which a license for the specific controller is required. The license can be separately purchased under Item Number 2759-2015/0261-1000.

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2759-290/211-1000 Runtime; IEC60870 Slave; Single License; Online activation	URL	Download

Installation Notes

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