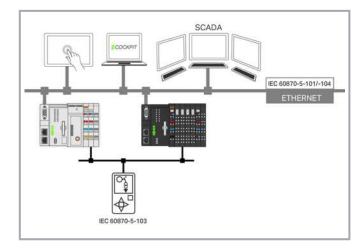# Data sheet | Item number: 2759-290/211-1000

e!RUNTIME; IEC-60870-Slave; Single License; Online Activation

Item description

Function:

The parameters for communication per the IEC 60870 Protocol can be set 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 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 the PFC200 Controller as a telecontrol substation (slave) on an IEC 60870-5-101/-104 Control System (master).

- Process data from one or more IEC 60870-5-103 Protection Devices (slaves) with the PFC200 Controller (master).

- Create a gateway application to transfer data from IEC 60870-5-103 Protection 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 installation steps are required.

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

Technical Data:

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.
License type (note) (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 VKOrg Germany	QU
GTIN	4066966054248
Customs tariff number VKOrg Germany	88888888888

Downloads
Documentation

Manual

Configure IEC 60870 with Telecontrol Configurator and e!COCKPIT	V 1.0.0 2020 Nov 13	pdf 6.5 MB	Download

System Description

Software – General Product Information		pdf	Download

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

377.6 kB

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2759-290/211-1000	URL	Download
e!RUNTIME; IEC-60870-Slave; Single License; Online Activation		

Installation Notes

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

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