

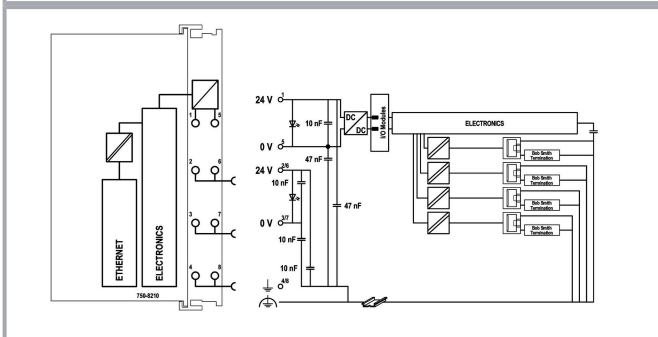
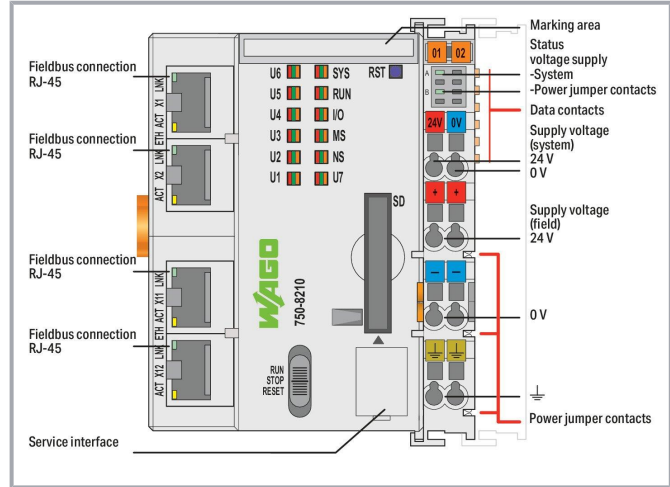
Data sheet | Item number: 750-8210/025-000
 Controller PFC200; 2nd Generation; 4 x ETHERNET; Ext. Temperature



www.wago.com/750-8210/025-000



i Picture differs from the item.



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

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PFC200 Communication Options Overview

CPU	On Board											Product extensions	Description	Item No. Standard	Ext. Temperature										
	Modbus (TCP, Modbus/RTU)**	PROFINET	PROFIBUS-DP	PROFIBUS-PA	RS-485	RS-232C	RS-422	RS-485	RS-232C	RS-422	RS-485	RS-232C				Modbus RTU**	Modbus TCP**	Modbus/RTU**	Modbus TCP**	Modbus/RTU**	Modbus TCP**	Modbus/RTU**	Modbus TCP**	Modbus/RTU**	Modbus TCP**
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 4 x ETHERNET	750-8210	750-8210/025-000
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 2 x ETHERNET, 2 x SFP Ports	750-8211	
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485	750-8212	750-8210/025-000
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Telecontrol Technology	750-8212/025-001	750-8212/025-002
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			IBADiNet/IP	750-8212/000-100	
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 2 x ETHERNET, CAN, CANopen	750-8213	
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485, CAN, CANopen	750-8214	
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 4 x ETHERNET, CAN, CANopen, USB	750-8215	
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485, CAN, CANopen, PROFIBUS Slave	750-8216	750-8216/025-000
Cortex AB; 1 GHz	M/S	M/S	M/S	M/S																			Telecontrol Technology	750-8216/025-001	
Cortex AB; 1 GHz	M/S	M/S	M*/S	M/S																			Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485, Mobile Radio Module; EU version	750-8217	750-8217/025-000
Cortex AB; 1 GHz	M/S	M/S	M*/S	M/S																			Global version	750-8217/000-000	750-8217/025-000
Cortex AB; 600 MHz	M/S	M/S	S	M																			Controller PFC200; 2 x ETHERNET, RS-232C-485, CAN, CANopen, PROFIBUS Master	750-8208	750-8208/025-000
Cortex AB; 600 MHz	M/S	M/S	S	M																			Telecontrol Technology	750-8208/025-001	

M: Master, S: Slave; **requires an additional license; *in preparation; ***WagoAppPfcModbus Library

Item description

The PFC200 Controller is a compact PLC for the modular WAGO I/O System. Besides network and fieldbus interfaces, the controller supports all digital, analog and specialty modules found within the 750/753 Series.

Four ETHERNET interfaces and an integrated switch enable line topology wiring.

An integrated Webserver provides user configuration options, while displaying PFC200 status information.

Besides the processing industry and building automation, typical applications for the PFC200 include standard machinery and equipment control (e. g., packaging, bottling and manufacturing systems, as well as textile, metal and wood processing machines).

Advantages:

- Programming per IEC 61131-3
- Programmable via CODESYS 3.5 with FW23 and above
- Programmable via WAGO-I/O-PRO V2.3 or e!COCKPIT with FW22
- Direct connection of WAGO's I/O modules

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



- 4 x ETHERNET (configurable)
- Linux® operating system with RT-Preempt patch
- Configuration via CODESYS, *e!COCKPIT* or Web-Based Management interface
- Maintenance-free

Data

Technical data

Communication	Modbus TCP master/slave Modbus (UDP), WagoAppPlcModbus Library Modbus (RTU), WagoAppPlcModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT BACnet/IP, requires an additional license Telecontrol protocols, requires an additional license
ETHERNET protocols	DHCP DNS NTP FTP FTPS SNMP HTTP HTTPS SSH
Telecontrol protocols	IEC 60870 (additional license as slave or master) IEC 61850 (additional license as Client or Server) DNP3 (additional license as Slave or Master) IEC 60870-5-101/-103/-104 (additional license as slave or master) IEC-61850 (additional license as Client 300) DNP3 (additional license as Slave or Master 300) IEC 60870-5-101/-103/-104 (Zusatzlizenz als Slave oder Master) IEC-61850 (Zusatzlizenz als Client 300) DNP3 (Zusatzlizenz als Slave oder Master 300)
Visualization	Web-Visu Web Visu
Operating system	Real-time Linux (with RT-Preempt patch)
CPU	Cortex A8; 1 GHz
Programming languages per IEC 61131-3	Instruction List (IL) Ladder Diagram (LD)

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Function Block Diagram (FBD)
 Continuous Function Chart (CFC)
 Structured Text (ST)
 Sequential Function Chart (SFC)

Programming environment	CODESYS V3.5, from firmware release 23 <i>e!COCKPIT</i> (based on CODESYS V3), up to firmware release 22 WAGO-I/O-PRO V2.3 (based on CODESYS V2.3), up to firmware release 22
Configuration options	CODESYS V3 <i>e!COCKPIT</i> WAGO-I/O-CHECK Web-Based Management <i>e!RUNTIME</i> library CODESYS Library
Baud rate (communication/fieldbus 1)	10/100 Mbit/s
Baud rate	ETHERNET: 10/100 Mbit/s
Transmission medium (communication/fieldbus)	ETHERNET: Twisted Pair S-UTP; 100 Ω; Cat. 5; 100 m maximum cable length
Main memory (RAM)	512 MB
Internal memory (flash)	4096 MB
Non-volatile hardware memory	128 Kbytes
Program memory	CODESYS V2: 16 MB; CODESYS V3: 32 MB
Data memory	CODESYS V2: 64 MB; CODESYS V3: 128 MB
Non-volatile software memory	128 Kbytes
Non-volatile software memory	128. Kbytes
Type of memory card	SD and SDHC up to 32 GB (all guaranteed properties only valid with WAGO Memory Card)
Memory card slot	Push-push mechanism; Cover lid (sealable)
Number of modules per node (max.)	250
Number of modules without a bus extension (max.)	64
Input and output process image (internal) max.	1000 words/1000 words
Input and output process image (Modbus®) max.	CODESYS V2: 1000 words/1000 words; CODESYS V3: 32000 words /32000 words
Indicators	LED (SYS, RUN, I/O, U1 ... U7) red/green/orange: Status of system, program, local data bus, status programmable by user (can be used via CODESYS library); LED (A, C) green: Status of system power supply, field supply
Supply voltage (system)	24 VDC (-25 ... +30 %); via pluggable connector (CAGE CLAMP® connection)
Input current (typ.) at nominal load (24 V)	550 mA
Total current (system supply)	1,700 mA

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Supply voltage (actuator)	N/A N/A
Supply voltage (field)	24 VDC (-25 ... +30 %); via power jumper contacts
Current carrying capacity (power jumper contacts)	10 A
Number of outgoing power jumper contacts	3
Isolation	500 V system/field

Connection data

Connection technology: communication/fieldbus	Modbus (TCP, UDP); 4 x RJ-45
Connection technology: system supply	2 x CAGE CLAMP®
Connection technology: field supply	6 x CAGE CLAMP®
Connection type 1	System/field supply
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Connection technology: device configuration	1 x Male connector; 4-pole

Physical data

Width	78.6 mm / 3.094 inches
Height	100 mm / 3.937 inches
Depth	71.9 mm / 2.831 inches
Depth from upper-edge of DIN-rail	64.7 mm / 2.547 inches

Mechanical Data

Weight	216.2 g
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-20 ... +60 °C
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); 5000 m (max.)
Relative humidity (without condensation)	95 %
Mounting position	any

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Mounting type	DIN-35 rail
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-3, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Fire load	2.542 MJ
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data

ETIM 8.0	EC000236
ETIM 7.0	EC000236
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143981156
Customs tariff number	85371091990

Environmental Product Compliance

CAS-No.	1303-86-2 1314-23-4 1317-36-8 693-98-1 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 2-methylimidazole Diboron trioxide Lead Lead monoxide Perfluorobutane sulfonic acid (PFBS) and its salts Zirconium Oxide
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II

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SCIP notification number (Austria)	1fb11c43-d0eb-4d24-9c77-732e0b0a4a4d
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SCIP notification number (Romania)	57faaa0d-5e3e-4871-8240-4eb7a74901fe
SCIP notification number (Sweden)	ee6d693e-bb79-42ae-a072-3701eed8117e

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02.B.00087/19
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-PFC750
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	-	E175199

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-



Approvals for marine applications

Certificate

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Logo	Approval	Additional Approval Text	name
	BSH Bundesamt fuer Seeschifffahrt und Hydrographie	-	1104
	DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001J4

Optional accessories

System housing

System enclosure		
	Item no.: 850-814/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate	www.wago.com/850-814/002-000
	Item no.: 850-815/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate	www.wago.com/850-815/002-000
	Item no.: 850-816/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate	www.wago.com/850-816/002-000
	Item no.: 850-817/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate	www.wago.com/850-817/002-000
	Item no.: 850-825 IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20	www.wago.com/850-825
	Item no.: 850-826 IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-826
	Item no.: 850-827 IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-827
	Item no.: 850-827/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-827/002-000
	Item no.: 850-826/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-826/002-000

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Item no.: 850-828/002-000

IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip

www.wago.com/850-828/002-000



Item no.: 850-828

IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip

www.wago.com/850-828



Item no.: 850-834

IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20

www.wago.com/850-834



Item no.: 850-835

IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip

www.wago.com/850-835



Item no.: 850-836

IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip

www.wago.com/850-836

Software

Basic version



Item no.: 2759-101/1110-2005

e!COCKPIT; Multi-User License; 05 pcs

www.wago.com/2759-101/1110-2005



Item no.: 2759-101/1110-2002

e!COCKPIT; Workstation License

www.wago.com/2759-101/1110-2002



Item no.: 2759-101/1110-2015

e!COCKPIT; Multi-User License; 15 pcs

www.wago.com/2759-101/1110-2015



Item no.: 2759-101/1110-2020

e!COCKPIT; Multi-User License; 20 pcs

www.wago.com/2759-101/1110-2020



Item no.: 2759-101/1110-2010

e!COCKPIT; Multi-User License; 10 pcs

www.wago.com/2759-101/1110-2010



Item no.: 2759-101/1110-3000

e!COCKPIT; Site License

www.wago.com/2759-101/1110-3000



Item no.: 2759-101/1110-4000

e!COCKPIT; Buy-out License

www.wago.com/2759-101/1110-4000



Item no.: 759-333

WAGO-I/O-PRO

www.wago.com/759-333

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Item no.: 759-333/000-923
WAGO-I/O-PRO; USB-Set

www.wago.com/759-333/000-923

Software applications



Item no.: 2759-120/1121-1000
e!COCKPIT MTP; Single License; Online activation

www.wago.com/2759-120/1121-1000



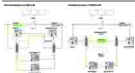
Item no.: 2759-208/211-1000
Library MTP; Single License; Online activation

www.wago.com/2759-208/211-1000



Item no.: 2759-2015/261-1000
Application Grid Gateway; Single License; Online activation

www.wago.com/2759-2015/261-1000



Item no.: 2759-245/211-1000
Library Controller Redundancy Master; Single License; Online activation

www.wago.com/2759-245/211-1000

Memory card

Memory card



Item no.: 758-879/000-001
Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C

www.wago.com/758-879/000-001



Item no.: 758-879/000-2108
Memory Card SD; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C

www.wago.com/758-879/000-2108

Cables and pluggable connectors

Connector plug



Item no.: 750-975
ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly

www.wago.com/750-975



Item no.: 750-978/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief

www.wago.com/750-978/000-012



Item no.: 750-979/000-012
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief

www.wago.com/750-979/000-012



Item no.: 750-978/000-021
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief

www.wago.com/750-978/000-021



Item no.: 750-979/000-022
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief

www.wago.com/750-979/000-022

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Item no.: 750-978/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief

www.wago.com/750-978/000-022



Item no.: 750-979/000-011
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief

www.wago.com/750-979/000-011



Item no.: 750-979/000-021
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief

www.wago.com/750-979/000-021



Item no.: 750-977/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22

www.wago.com/750-977/000-011



Item no.: 750-978/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief

www.wago.com/750-978/000-011



Item no.: 750-977/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24

www.wago.com/750-977/000-022



Item no.: 750-977/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22

www.wago.com/750-977/000-012



Item no.: 750-977/000-021
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24

www.wago.com/750-977/000-021

Marking accessories

Marker carrier



Item no.: 750-103
Group marker carrier

www.wago.com/750-103

Marker



Item no.: 2009-145/000-006
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

www.wago.com/2009-145/000-006



Item no.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white


www.wago.com/2009-145





Item no.: 2009-145/000-002
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow


www.wago.com/2009-145/000-002


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


 **Item no.: 2009-145/000-007**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray www.wago.com/2009-145/000-007


 **Item no.: 2009-145/000-005**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red www.wago.com/2009-145/000-005


 **Item no.: 2009-145/000-012**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange www.wago.com/2009-145/000-012


 **Item no.: 2009-145/000-023**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green www.wago.com/2009-145/000-023


 **Item no.: 2009-145/000-024**
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet www.wago.com/2009-145/000-024


 **Item no.: 248-501/000-006**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue www.wago.com/248-501/000-006


 **Item no.: 248-501/000-007**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray www.wago.com/248-501/000-007

 **Item no.: 248-501/000-002**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow www.wago.com/248-501/000-002

 **Item no.: 248-501/000-012**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange www.wago.com/248-501/000-012

 **Item no.: 248-501**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white www.wago.com/248-501

 **Item no.: 248-501/000-017**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green www.wago.com/248-501/000-017

 **Item no.: 248-501/000-005**
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red www.wago.com/248-501/000-005

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



Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/248-501/000-024



Item no.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

www.wago.com/248-501/000-023

Group marker carrier



Item no.: 750-107
Group marker carrier

www.wago.com/750-107

Carrier rail

Mounting accessories



Item no.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

www.wago.com/210-197



Item no.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

www.wago.com/210-198



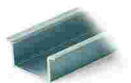
Item no.: 210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-504



Item no.: 210-505
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-505



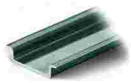
Item no.: 210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-506



Item no.: 210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-508



Item no.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

www.wago.com/210-113



Item no.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

www.wago.com/210-118



Item no.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

www.wago.com/210-112



Item no.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

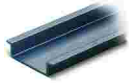
www.wago.com/210-114

Item no.: 210-115

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



Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; www.wago.com/210-115
silver-colored



Item no.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-196

Communication

Communication cable



Item no.: 750-923
Configuration cable; USB connector; Length: 2.5 m www.wago.com/750-923



Item no.: 750-923/000-001
Configuration cable; USB connector; Length: 5 m www.wago.com/750-923/000-001

Shield termination

Shield clamping saddles



Item no.: 790-116
Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm www.wago.com/790-116



Item no.: 790-124
Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm www.wago.com/790-124



Item no.: 790-108
Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm www.wago.com/790-108



Item no.: 790-140
Shield clamping saddle; diameter of compatible conductor www.wago.com/790-140



Item no.: 790-216
Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm www.wago.com/790-216



Item no.: 790-220
Shield clamping saddle; 30 mm wide; 6 ... 20 mm www.wago.com/790-220



Item no.: 790-208
Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm www.wago.com/790-208

Downloads

Documentation

Manual

System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.0 2023 May 4	pdf 8.8 MB	Download
Migration Guide Migration from e!COCKPIT projects to CODESYS V3.5	V 1.2.0 2023 Apr 13	pdf 4.5 MB	Download

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



Product Manual PFC200; G2; 4ETH Controller PFC200; 2nd Generation; 4 x ETHERNET	1.8.0 2023 Mar 31	pdf 4.1 MB	Download
Product Manual OPC UA Mapping Editor	V 1.1.0 2022 Mar 11	pdf 3.4 MB	Download
OPC_UA Mapping Editor Online Help HTML		URL	Download
System Manual Series 750/753 Online HTML		URL	Download
Migration Guide from e!COCKPIT projects to CODESYS V3.5 Online Help (HTML)		URL	Download
Bid Text			
750-8210/025-000 docx - Datei		docx 19.1 kB	Download
750-8210/025-000 X81 - Datei		xml 10.3 kB	Download
Additional Information			
Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
WAGO OPC UA Server	V 1.1.0 2021 Jan 28	pdf 1.2 MB	Download
System Description			
Overview on WAGO-I/O-SYSTEM 750 approvals		pdf 789.0 kB	Download
Controller PFC100/200, General Product Information		pdf 592.5 kB	Download

Libraries

WAGOAppRTU_Slaves Library

WAGOAppRTU_Slaves Library	1.9.0.0 2023 Jan 18	ZIP 2.1 MB	Download
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Library for the IEC-60870 connection of customer systems in the German electricity network area of the network operators E.ON, Westnetz, EWE and Netz BW: the Subject to changes. Please also observe the further product documentation!



number and power of the generating plants (EZA) is increasing. In order to ensure network stability, distribution system operators require that customer facilities become controllable and switchable. This means considerable programming effort for corresponding interfaces in the network connection point (NAP). For system integrators who use WAGO telecontrol technology, however, this work is not necessary, because with the library WAGOAppRTU_Slaves they can use ready-made communication libraries - as a free download for the network areas of the E.ON and EWE, networks BW and for Westnetz.

Engineering-Software

Configuration and Commissioning Software

(759-316) WAGO Ethernet Settings / Serie 750	06.18.01.01 2023 Feb 28	zip 27.3 MB	Download
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WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762 Für ein Firmwareupdate können Sie sich jederzeit an den Support wenden.	V 2.3.9.68 2022 Feb 17	zip 125.5 MB	Download
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Desktop Application

WAGUpload WAGUpload is a stand-alone PC software for transferring, backing up and restoring PLC applications on WAGO 750 Series controllers.		URL	Download
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CODESYS V3 with WAGO DSP

CODESYS Development System V3 including WAGO Device Support Package		URL	Download
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Have you not yet installed CODESYS Development System V3? Would you like to program WAGO controllers? Then you've come to the right place!

With CODESYS Development System V3, you program according to the IEC 61131-3 standard. The software enables graphical and textual programming. Create visualizations with the integrated visualization editor.

You benefit from several WAGO libraries that support your application.

You can find it in our WAGO Download Center:

- CODESYS V3.5.x, 64-bit
- WAGO-Plugins
- WAGO libraries
- Device firmware
- Device description for WAGO controllers
- ...as well as other WAGO tools and add-ons

WAGO DSP for CODESYS V3

WAGO Device Support Package for CODESYS Development System V3		URL	Download
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Have you already installed CODESYS Development System V3 (min. V3.5.17.3) and only need WAGO libraries and device descriptions for the WAGO controllers? Then you've come to the right place!

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



Use your CODESYS Development System V3 and expand it with the device descriptions of the WAGO controllers and several WAGO libraries.

You can find it in our WAGO Download Center:

- WAGO-Plugins
- WAGO libraries
- Device firmware
- Device descriptions for WAGO controllers
- ...sowie weitere WAGO-Tools und Add-ons

Runtime Software

Firmware

PFC200, Firmware Update für CoDeSys V3.5 WAGO_FW0750-821x_V040110_FW23	V 23 2023 Feb 24	zip 172.0 MB	Download
Image Update (SD Karte) PFC100/200 WAGO_FW0750-8xxx_V031010_IX22_SP1_I	V 22 SP1 2022 Dec 12	zip 210.8 MB	Download
WUP Update (WAGOUplodTool) PFC100/200 WAGO_FW0750-8xxx_V031010_IX22_SP1_W	V 22 SP1 2022 Dec 12	zip 208.5 MB	Download

Software Solutions (Applications)

WAGO Application Grid Gateway

WAGO Application Grid Gateway	1.0.1 2021 Jun 1	zip 512.2 MB	Download
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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.

CAD/CAE-Data

CAD data

2D/3D Models 750-8210/025-000	URL	Download
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CAE data

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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.



ZUKEN Portal 750-8210/025-000

[URL](#)

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EPLAN Data Portal 750-8210/025-000

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-8210/025-000

[URL](#)

[Download](#)

Controller PFC200; 2nd Generation; 4 x ETHERNET; Ext. Temperature

Installation Notes

Product family

Controller PFC

<div>Die Steuerungen der Serie PFC200 stehen für vielfältige Aufgaben in der Industrie- Prozess- und Gebäudeautomation.</div>

[Show all products from the family](#)

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