Data sheet | Item number: 750-8210

Controller PFC200; 2nd Generation; 4 x ETHERNET

www.wago.com/750-8210

Color:

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

PFC200 Communication Options Overview

CPU	On Board												Product extensions				Description	Item No. Standard	Ext. Temperature
	Modbus (TCP), Modbus (UDP)***	EtherNet/IP	PROFINET	PROFIBUS	CANopen	BACnet/IP	EtherCAT	OPC UA Server/Client, OPC UA Pub/Sub (can be installed later)	Modbus (RTU)**	Telecontrol Protocols	IoT Protocols	BACnet/IP	Telecontrol Protocols	Multi-Cloud Connectivity	Spanning			
Cortex A8; 1 GHz	M/S	M/S					M	x	x		x	x*	x*	x*	x*	Controller PFC200; 2nd Generation; 4 x ETHERNET	750-8210	750-8210/025-000
Cortex A8; 1 GHz	M/S	M/S					M	x	x		x	x*	x*	x*	x*	Controller PFC200; 2nd Generation; 2 x ETHERNET, 2 x SFP Ports	750-8211	
Cortex A8; 1 GHz	M/S	M/S					M	x	x		x	x*	x*	x*	x*	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485	750-8212	750-8212/025-000
	M/S	M/S					M	x	x	x	x	x*			x*	x*	Telecontrol Technology Telecontrol Technology; ECO		750-8212/025-001 750-8212/025-002
	M/S	M/S						x		x	x		x	x*	x*	x*	BACnet/IP	750-8212/000-100	
Cortex A8; 1 GHz	M/S	M/S			M/S		M	x			x	x*	x*	x*	x*	Controller PFC200; 2nd Generation; 2 x ETHERNET, CAN, CANopen	750-8213	
Cortex A8; 1 GHz	M/S	M/S			M/S		M	x	x		x		x*	x*	x*	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen	750-8214	
Cortex A8; 1 GHz	M/S	M/S	S		M/S		M	x			x		x*	x*	x*	Controller PFC200; 2nd Generation; 4 x ETHERNET, CAN, CANopen, USB	750-8215	
Cortex A8; 1 GHz	M/S	M/S	S	M/S			M	x	x		x	x*	x*	x*	x*	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Slave	750-8216	750-8216/025-000
	M/S	M/S	S	M/S			M	x	x	x	x	x*		x*	x*		Telecontrol Technology		750-8216/025-001
Cortex A8; 1 GHz	M/S	M**/S					M*	x**	x		x	x*	x*	x*	x*	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, Mobile Radio Module; EU version	750-8217	750-8217/025-000
	M/S	M**/S					M*	x**	x		x	x*	x*	x*	x*	Global version	750-8217/600-000	750-8217/625-000
Cortex A8; 600 MHz	M/S	S	M					x	x							Controller PFC200; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Master	750-8208	750-8208/025-000
	M/S	S	M					x	x	x						Telecontrol Technology		750-8208/025-001

M: Master; S: Slave; *requires an additional license; **in preparation; ***WagoAppPlcModbus 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^{TM} Adapter (slave)
	EtherNet/IP^{TM} 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)

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

	Function Block Diagram (FBD)
	Continuous Function Chart (CFC)
	Structured Text (ST)
	Sequential Function Chart (SFC)
Programming environment	CODESYS V3.5, from firmware release 23
	e!COCKPIT (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
	e!COCKPIT
	WAGO-I/O-*CHECK*
	Web-Based Management
	e!RUNTIME 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

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

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 mm² / 28 … 14 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 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	215.4 g
Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 … +55 °C
Ambient temperature (storage)	-25 … +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 %

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

Mounting position	any
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	2.544 MJ
Permissible H_2S 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	4055143981378
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)

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

	7(c)-I
	7(c)-II
SCIP notification number (Austria)	dc9d91d9-660d-4ff3-afd9-1d47b1c4db22
SCIP notification number (Belgium)	7cfc8258-17a2-4e67-ad78-d3920994dcba
SCIP notification number (Bulgaria)	bd7968c1-1c76-4bac-a9d1-3e23fd451bf5
SCIP notification number (Czech Republic)	d57b7125-570f-4220-816a-da895613054a
SCIP notification number (Denmark)	da29e0cc-8fbc-427a-a275-3e831bb84990
SCIP notification number (Finland)	5cdf7c7d-1f6e-4181-8bcb-e1305f363d19
SCIP notification number (France)	234f6839-55d0-4a9b-adb9-12e286a015ca
SCIP notification number (Germany)	ac2448b4-9ace-40cf-880f-03fc1c577665
SCIP notification number (Hungary)	bc2677ec-9534-4c90-9195-2c7e68f7b043
SCIP notification number (Italy)	39201fc2-dbc7-454b-8e5e-c8b90d123483
SCIP notification number (Netherlands)	33ec5db1-3a59-45cd-a929-05e09617b643
SCIP notification number (Poland)	edd73d07-57be-496d-be65-7ea0ea1e825f
SCIP notification number (Romania)	608bdf5d-7202-495e-a25a-72561a2c1382
SCIP notification number (Sweden)	42ea4e59-9700-4af7-ba01-b03142aa4933

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	-	-

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.

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	BSH Bundesamt fuer Seeschifffahrt und Hydrographie	-	1104
	BV Bureau Veritas S.A.	Rules for class. of Steel Ships	66711/A0
	DNV DNV GL SE	DNV-CG-0339,Aug.2021	TAA0000194
	KR Korean Register of Shipping	-	KR HMB05880-AC001

Optional accessories

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

Cables and pluggable connectors

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

Connector plug

	Item no.: 750-975	www.wago.com/750-975
	ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly	
	Item no.: 750-978/000-012	www.wago.com/750-978
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief	/000-012
	Item no.: 750-979/000-012	www.wago.com/750-979
	Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief	/000-012
	Item no.: 750-978/000-021	www.wago.com/750-978
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief	/000-021
	Item no.: 750-979/000-022	www.wago.com/750-979
	Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief	/000-022
	Item no.: 750-978/000-022	www.wago.com/750-978
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief	/000-022
	Item no.: 750-979/000-011	www.wago.com/750-979
	Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief	/000-011
	Item no.: 750-979/000-021	www.wago.com/750-979
	Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief	/000-021
	Item no.: 750-977/000-011	www.wago.com/750-977
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22	/000-011
	Item no.: 750-978/000-011	www.wago.com/750-978
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief	/000-011
	Item no.: 750-977/000-022	www.wago.com/750-977
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24	/000-022
	Item no.: 750-977/000-012	www.wago.com/750-977
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22	/000-012
	Item no.: 750-977/000-021	www.wago.com/750-977
	Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24	/000-021

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

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

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

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

	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
	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

Communication

Communication cable

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

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

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

www.wago.com/750-923
/000-001

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

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

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

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

	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
	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
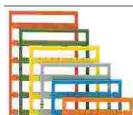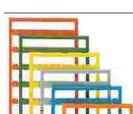
Group marker carrier

	Item no.: 750-107 Group marker carrier	www.wago.com/750-107

Software

Basic version

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

	Item no.: 2759-101/1110-2005	www.wago.com/2759-101
	e!COCKPIT; Multi-User License; 05 pcs	/1110-2005

	Item no.: 2759-101/1110-2002	www.wago.com/2759-101
	e!COCKPIT; Workstation License	/1110-2002

	Item no.: 2759-101/1110-2015	www.wago.com/2759-101
	e!COCKPIT; Multi-User License; 15 pcs	/1110-2015

	Item no.: 2759-101/1110-2020	www.wago.com/2759-101
	e!COCKPIT; Multi-User License; 20 pcs	/1110-2020

	Item no.: 2759-101/1110-2010	www.wago.com/2759-101
	e!COCKPIT; Multi-User License; 10 pcs	/1110-2010

	Item no.: 2759-101/1110-3000	www.wago.com/2759-101
	e!COCKPIT; Site License	/1110-3000

	Item no.: 2759-101/1110-4000	www.wago.com/2759-101
	e!COCKPIT; Buy-out License	/1110-4000

	Item no.: 759-333	www.wago.com/759-333
	WAGO-I/O-PRO	

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

Software applications
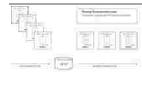
	Item no.: 2759-120/1121-1000	www.wago.com/2759-120
	e!COCKPIT MTP; Single License; Online activation	/1121-1000
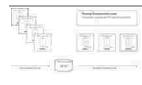
	Item no.: 2759-208/211-1000	www.wago.com/2759-208
	Library MTP; Single License; Online activation	/211-1000

	Item no.: 2759-2015/261-1000	www.wago.com/2759-2015
	Application Grid Gateway; Single License; Online activation	/261-1000
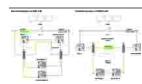
	Item no.: 2759-245/211-1000	www.wago.com/2759-245
	Library Controller Redundancy Master; Single License; Online activation	/211-1000

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

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
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 Documentation WAGO Solution Builder WAGO Solution Builder is a software solution that enables holistic and efficient building automation project engineering and can be used throughout the entire building life cycle. With WAGO Solution Builder, you can organize all of your own building automation projects on a web interface and, thanks to integrated device management, ensure that your project-specific WAGO controllers are always updated. br/br/Once downloaded, the software can be used for free during the 2021/2022 launch. After that, you can activate WAGO Solution Builder by purchasing a license key. br/br/Please note that an e!COCKPIT license is required to create applications.	1.2.0 2022 Oct 26	pdf 10.5 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 X81 - Datei		xml 10.3 kB	Download
750-8210 docx - Datei		docx 19.1 kB	Download

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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

---

ausschreiben.de 750-8210		URL	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

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

Libraries

WAGOAppRTU_Slaves Library

WAGOAppRTU_Slaves Library 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 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.	1.9.0.0 2023 Jan 18	ZIP 2.1 MB	Download

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
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

WAGO Solution Builder

WAGO Solution Builder WAGO Solution Builder is a software solution that enables holistic and efficient building automation project engineering and can be used throughout the entire building life cycle. With WAGO Solution Builder, you can organize all of your own		URL	Download

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

Do you have any questions about our products?

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

---

building automation projects on a web interface and, thanks to integrated device management, ensure that your project-specific WAGO controllers are always updated.

Once downloaded, the software can be used for free during the launch phase until October 2023. After that, you can activate WAGO Solution Builder by purchasing a license key.

Desktop Application

WAGOupload	URL	Download

WAGOupload is a stand-alone PC software for transferring, backing up and restoring

PLC applications on WAGO 750 Series controllers.

CODESYS V3 with WAGO DSP

CODESYS Development System V3 including WAGO Device Support Package	URL	Download

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

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!

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

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.

Runtime Software

Firmware

PFC200, Firmware Update für CoDeSys V3.5	V 23	zip	Download
WAGO_FW0750-821x_V040110_FW23	2023 Feb 24	172.0 MB	

Image Update (SD Karte) PFC100/200	V 22 SP1	zip	Download
WAGO_FW0750-8xxx_V031010_IX22_SP1_I	2022 Dec 12	210.8 MB	

WUP Update (WAGOuploadTool) PFC100/200	V 22 SP1	zip	Download
WAGO_FW0750-8xxx_V031010_IX22_SP1_W	2022 Dec 12	208.5 MB	

Software Solutions (Applications)

WAGO Application Grid Gateway

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

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	URL	Download

CAE data

ZUKEN Portal 750-8210	URL	Download

EPLAN Data Portal 750-8210	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-8210	URL	Download

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

Do you have any questions about our products?

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

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

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