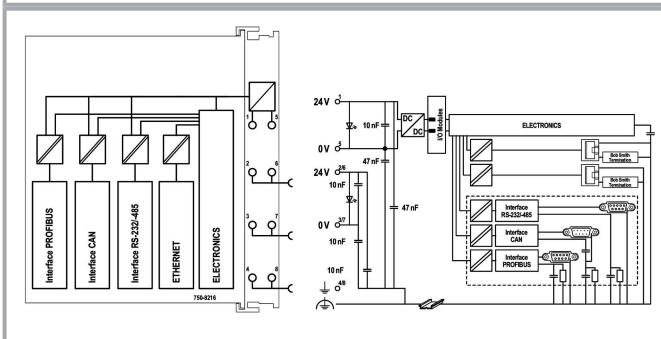
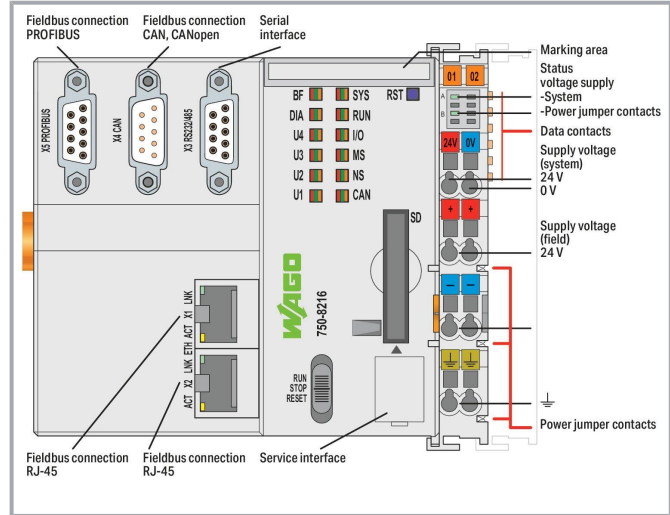


Data sheet | Item number: 750-8216

Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Slave



www.wago.com/750-8216



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.

PFC200 Communication Options Overview

		On Board											Product extensions	Description	Item No. Standard	Ext. Temperature																	
CPU		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	RS-422	RS-485	RS-232C	RS-422	RS-485	RS-232C	RS-422	RS-485	RS-232C	RS-422	RS-485	RS-232C	RS-422	RS-485	RS-232C	RS-422	RS-485			
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 4 x ETHERNET	750-8210	750-8210025-000
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 2 x ETHERNET, 2 x SFP Ports	750-8211	
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485	750-8212	750-8212025-000
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Telecontrol Technology; Telecontrol Technology; EDO	750-8213	750-8213025-001 750-8213025-002
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	IBADiNet/IP	750-8212/000-100	
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 2 x ETHERNET, CAN, CANopen	750-8213	
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485, CAN, CANopen	750-8214	
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 4 x ETHERNET, CAN, CANopen, USB	750-8215	
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485, CAN, CANopen, PROFIBUS Slave	750-8216	750-8216025-000
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Telecontrol Technology		750-8216025-001
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232C-485, Mobile Radio Module; EU version	750-8217	750-8217025-000
	Controller AB; 1 GHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Global version	750-8217/000-000	750-8217025-000
	Controller AB; 600 MHz	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Controller PFC200; 2 x ETHERNET, RS-232C-485, CAN, CANopen, PROFIBUS Master	750-8208	750-8208025-000
		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	Telecontrol Technology		750-8208025-001

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.

Two 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!



- 2 x ETHERNET (configurable), RS-232/485, CAN, CANopen, PROFIBUS DP Slave
- Linux operating system with RT-Preempt patch
- Configuration via CODESYS, *e!COCKPIT* or Web-Based Management interface
- Maintenance-free

Data

Technical data

Communication	PROFIBUS CANopen 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 RS-232 serial interface RS-485 interface 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)
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) Function Block Diagram (FBD) Continuous Function Chart (CFC)

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



	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 758-879/000-001 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
Input and output process image (PROFIBUS) max.	244 bytes/244 bytes
Input and output process image (CAN) max.	2000 words/2000 words
Indicators	LED (SYS, RUN, I/O, CAN, BF, DIA, U1 ... U4) red/green/orange: Status system, program, internal data bus, CANopen, PROFIBUS, PROFIBUS diagnostics, status programmable by user (can be used via CODESYS library); LED (A, B) green: System power supply status, 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

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



Total current (system supply)	1,700 mA
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	PROFIBUS: 1 x D-sub 9 socket; CANopen: 1 x D-sub 9 plug; Modbus (TCP, UDP): 2 x RJ-45; Modbus® RTU: 1 x D-sub 9 socket; RS-232 serial interface: 1 x D-sub 9 socket; RS-485 interface: 1 x D-sub 9 socket
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	112 mm / 4.409 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	260.7 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

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



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
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	2.911 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

eCl@ss 10.0	27-24-26-07
eCl@ss 9.0	27-24-26-07
ETIM 8.0	EC000236
ETIM 7.0	EC000236
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143759809
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

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







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
SCIP notification number (Austria)	d25ca60b-ec4b-40dc-90a5-76236b5a8a91
SCIP notification number (Belgium)	5286d6c1-00b7-4308-bc5e-7f6dd2ff3ab1
SCIP notification number (Bulgaria)	cf94fe87-15c3-4c45-ba38-93f6ca669712
SCIP notification number (Czech Republic)	5bb4017d-754d-4468-a582-0b066d9c4c32
SCIP notification number (Denmark)	90323511-9c75-4ba7-bf63-0b2dc9d0458f
SCIP notification number (Finland)	8ea04b7a-5e25-4ff7-b1c9-02cc3ff79889
SCIP notification number (France)	bc5770e7-91be-4810-9dd0-467f9f448241
SCIP notification number (Germany)	1b0e5cda-b6c2-412b-bf8b-3622deefbcf2
SCIP notification number (Hungary)	82de6761-9d31-4851-8f0e-925132310f28
SCIP notification number (Italy)	716afe99-88be-4fca-8175-41ee487dc596
SCIP notification number (Netherlands)	8af9bccf-0ad3-40ff-b203-a06192f76de0
SCIP notification number (Poland)	c1b88cf6-a0c5-4534-af55-f84414f7278a
SCIP notification number (Romania)	3ed07a39-cf43-441e-a61b-07815a910c82
SCIP notification number (Sweden)	075f8fb7-2c95-48e1-b7e1-e9c167313cee

Approvals / Certificates

General approvals


Logo	Approval	Additional Approval Text	Certificate name
	CCC CNEX	CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
	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

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









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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

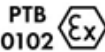






Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	22-2219060
	BSH Bundesamt fuer Seeschifffahrt und Hydrographie	-	1104
	BV Bureau Veritas S.A.	Rules for class. of Steel Ships	66711/A0
	DNV DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194
	KR Korean Register of Shipping	-	KR HMB05880-AC001
	LR Lloyds Register EMEA	-	LR22180952TA
	PRS Polski Rejestr Statków	-	TE/2236/880590/19
	RINA RINA Germany GmbH	-	ELE343521XG001

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Approvals for hazardous areas















Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	TUEV_14_ATEX_148929_X (II 3 G Ex ec IIC T4 Gc)
	CCC CNEX	CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02.B.00163 /19 (2Ex e IIC T4 Gc X)
	IECEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)
	INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079-0	BR-Ex_TÜV 12.1297 X
	UKEx WAGO GmbH & Co. KG	EN 60079-0	UKCA_WAGO22UKEX003X_ec
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

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

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









	<p>Item no.: 790-140 Shield clamping saddle; diameter of compatible conductor</p>	www.wago.com/790-140
	<p>Item no.: 790-216 Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm</p>	www.wago.com/790-216
	<p>Item no.: 790-220 Shield clamping saddle; 30 mm wide; 6 ... 20 mm</p>	www.wago.com/790-220
	<p>Item no.: 790-208 Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm</p>	www.wago.com/790-208
Cables and pluggable connectors		
Connector plug		
	<p>Item no.: 750-963 Fieldbus Connector CANopen; with D-sub female connector; 9-pole</p>	www.wago.com/750-963
	<p>Item no.: 750-960 Fieldbus Connector PROFIBUS; with D-sub male connector; 9-pole</p>	www.wago.com/750-960
	<p>Item no.: 750-975 ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly</p>	www.wago.com/750-975
	<p>Item no.: 750-978/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief</p>	www.wago.com/750-978/000-012
	<p>Item no.: 750-979/000-012 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief</p>	www.wago.com/750-979/000-012
	<p>Item no.: 750-978/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief</p>	www.wago.com/750-978/000-021
	<p>Item no.: 750-979/000-022 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief</p>	www.wago.com/750-979/000-022
	<p>Item no.: 750-978/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief</p>	www.wago.com/750-978/000-022
	<p>Item no.: 750-979/000-011 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief</p>	www.wago.com/750-979/000-011
	<p>Item no.: 750-979/000-021 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief</p>	www.wago.com/750-979/000-021

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

	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

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

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



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

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

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

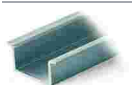
www.wago.com/210-504



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

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

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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

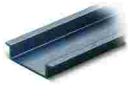
www.wago.com/210-114



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

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

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

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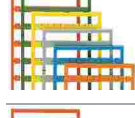
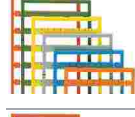


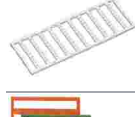
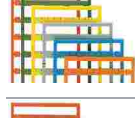

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	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; 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

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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



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

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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

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

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

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

www.wago.com/759-333



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

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

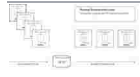
Software applications

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



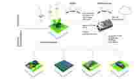
Item no.: 2759-120/1121-1000
e!COCKPIT MTP; Single License; Online activation

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.: 2759-203/211-1000
Library Power Plant Control; VDE-AR-N 4110 / 4120; Single License; Online activation

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

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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
Product Manual PFC200 G2 2ETH RS CAN DPS Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Slave	1.10.0 2023 Mar 31	pdf 5.1 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
e!RUNTIME EtherCAT® Master	V 1.1.1 2019 Dec 17	pdf 879.5 kB	Download
Cyber Security for Controller PFC100 / PFC200	V 1.0.0 2019 Oct 31	pdf 4.9 MB	Download

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Product Manual WAGO MODBUS Master Configurator for configuration of MODBUS networks in WAGO-I/O-PRO (CODESYS)	V 1.1.0	pdf 1.8 MB	Download
OPC-UA Mapping Editor Online Help HTML		URL	Download
System Manual Series 750/753 Online HTML		URL	Download
Bid Text			
750-8216 X81 - Datei	2019 Feb 19	xml 10.3 kB	Download
750-8216 docx - Datei	2019 Jan 23	docx 23.1 kB	Download
Instruction Leaflet			
CCC Ex (Additional information) WAGO-I/O-SYSTEM *750-****/*	2023 Apr 26	pdf 163.6 kB	Download
Tutorial			
Set IP address with Ethernet Settings In this video we are demonstrating how you can set a IP address with Ethernet Settings. Content: 00:27 – Chapter #1 Download and install software; 00:56 – Chapter #2 Open Ethernet Settings; 01:10 – Chapter #3 Establish serial Connection; 01:34 – Chapter #4 Set IP address; 02:10 – Chapter #5 Check IP address	3.0 2017 Dec 18	mp4 88.3 MB	Download
Establish connection to a controller using SSH In this video we are demonstrating how to establish a SSH connection with a controller using for example PuTTY to be able to work with the LINUX console. Contents: 0:21 Download and install the SSH client; 0:40 Establish the SSH connection; 0:50 Log on to the Controller	1.0 2017 Aug 5	mp4 29.0 MB	Download
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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

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Overview on WAGO-I/O-SYSTEM 750 approvals

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Controller PFC100/200, General Product Information

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Application Notes

Application Note CoDeSys 2.3

Application Note Data Plotter

2023-06-01

zip

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The Data Plotter is a Web application that can be used as a visualization tool for the data logger in CODESYS V2.3 and e!COCKPIT. It allows the user to graphically display data captured by the data logger library (WAGO_Datalogger_02.lib for CODESYS V2.3 and WagoAppDatalogger for e!COCKPIT from V1.2.100.6023).

2023 Jun 1

6.7 MB

Application Note: MpBus_03 Library

2020-08-14

zip

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This Application Note explains how a WAGO fieldbus controller sets up communication to the MP-bus actuators via the MP-bus master module (750-643).

2020 Aug 14

526.0 kB

Application Note Library WagoDatalogger_02

2020-05-20

zip

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This application note describes the use of the WagoDatalogger_02.lib library. Up to 80 analog or digital signals can be recorded.

2020 May 20

1.3 MB

Application note Cloud Connectivity

2019-09-17

zip

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This application note explains how the WAGO controllers PFC100 and PFC200 can communicate with cloud services like Microsoft Azure (WAGO Cloud), Amazon AWS and IBM Bluemix. Data could be send to the cloud and commands could receive from the cloud. The libraries WagoLibCloud for WAGO-I/O-PRO V2.3 and WagoAppCloud for e!COCKPIT are used.

2019 Sep 17

4.1 MB

Application note for installing a MySQL-Server on a PFC-Controller

1.0.4

zip

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This Application Note explains how a MySQL-Server can be set up and used on a PFC 200. The Application shows how measurement values of the 3-Phase Power Measurement Module can be written into a database.

2019 May 16

4.5 MB

Application note: DALI 753-647 Configuration Interface

1.0.2

zip

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This application note describes the WAGO DALI Configurator, the integration of the DALI visualization for configuring various sensor types and the implementation in a program.

2019 Apr 29

3.1 MB

Connection of Thermokon Multi-function room control units WRF 08

10.04.2019

zip

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The fundamental way of carrying out the communication between the WAGO I/O System and the multi-function room operating panel (WRF08 RS485 Modbus) from Thermokon is described in this application note.

2019 Apr 10

876.4 kB

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<p>Connection of Thermokon Multi-function room control units WRF 06</p> <p>The fundamental method of setting up communication between the WAGO I/O System and the multi-function room operating panel (WRF06 RS485 Modbus) from Thermokon is described in this application note.</p>	<p>10.04.2019 2019 Apr 10</p>	<p>zip 845.9 kB</p>	<p>Download</p>
<p>HART Tool Routing via PROFIBUS with 750-833 and 750-333 (a116140)</p> <p>This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices. Using the Cerabar PMC51 (Endress+Hauser) as an example, connecting any HART sensor to a WAGO PROFIBUS controller and a WAGO PROFIBUS Coupler is explained. The cyclic PROFIBUS Master (750-8208) realizes the data exchange. As an acyclic master, a TH LINK PROFIBUS provides access for the plant asset management applications WAGOframe, PACTware and FieldCare.</p>	<p>1.0.0 2019 Mar 22</p>	<p>pdf 5.3 MB</p>	<p>Download</p>
<p>HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120)</p> <p>This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices. With the Cerabar PMC51 (Endress+Hauser) as an example, a connection is established from any HART sensor to a WAGO PROFIBUS Controller and a WAGO ETHERNET Fieldbus Coupler. The configuration is made with the asset management software WAGOframe, PACTware und FieldCare.</p>	<p>1.0.0 2019 Mar 22</p>	<p>pdf 3.9 MB</p>	<p>Download</p>
<p>HVAC System Macros</p> <p>WAGO provides system macros for HVAC applications that are based on Building_HVAC_03.lib.</p>	<p>10.03.2017 2019 Mar 15</p>	<p>zip 13.6 MB</p>	<p>Download</p>
<p>Using the web visualization with Java™ runtime environment (JRE, JVM) 7 update 51 (7u51) (a500690)</p> <p>Oracle announced an update (7u51) for their Java™ runtime environment for the 14th of January 2014 which might have an impact on the use of the WAGO web visualization with Controller, PERSPECTO CP devices and WAGO-IO-IPCs. For more details please have a look into our application note.</p>	<p>1.2.4 2019 Feb 26</p>	<p>zip 5.0 MB</p>	<p>Download</p>
<p>Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus</p> <p>Dieser Anwendungshinweis beschreibt, wie die Kommunikation zwischen dem WAGO-I/O-System und einer HKW-Elektronik Wetterprognose-Station Kompakt realisiert werden kann.</p>	<p>1.1 2017 Jul 7</p>	<p>zip 781.1 kB</p>	<p>Download</p>
<p>Application Note: DMX_02</p> <p>This application note describes how a DMX master for DMX device control can be performed via 750-652 serial interface.</p>	<p>26.04.2017 2017 Apr 26</p>	<p>zip 751.0 kB</p>	<p>Download</p>
<p>GRUNDFOS GENIbus interface, application note</p> <p>This application note describes how communication between the WAGO-I/O-SYSTEM and the Grundfos MAGNA series circulation pumps can be performed via GENIbus interface.</p>	<p>20.03.2017 2017 Mar 20</p>	<p>zip 286.6 kB</p>	<p>Download</p>

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<p>Application Note: EnOcean_06 Library</p> <p>This application note describes how communication between the WAGO-I/O-SYSTEM and different EnOcean wireless sensors can be implemented using the EnOcean_06.lib library.</p>	<p>30.11.2016 2016 Nov 30</p>	<p>zip 842.0 kB</p>	<p>Download</p>
<p>Application Note Library ModuleAccess_01</p> <p>These instructions describe the use of the ModuleAccess_01.lib library using 4 examples.</p>	<p>05.01.2016 2016 Jan 29</p>	<p>zip 1.0 MB</p>	<p>Download</p>
<p>Anwendungshinweis für die Steuerung eines Icus robotlink</p> <p>Der Anwendungshinweis beschreibt anhand einer Demoapplikation die Steuerung eines Icus robotlink® Roboterarms mit sechs Achsen. Als Steuerung wird ein Wago PFC200 (Art.-Nr. 750-8202) verwendet.</p>	<p>12.11.2015 2015 Nov 12</p>	<p>zip 1.3 MB</p>	<p>Download</p>
<p>HLK-Anlagenmakros für TRIC</p> <p>In dieser Zip-Datei finden Sie Vorlagen und Makros für die Planungssoftware TRIC. TRIC ist ein Werkzeug für Planer und Errichter von HLK-Anlagen, das den Richtlinien der VOB, VDI und DIN EN ISO entspricht.</p>	<p>2015-07-10 2015 Jul 10</p>	<p>zip 76.8 MB</p>	<p>Download</p>
<p>Application Note for the 750-494 3-Phase Power Measurement Module</p> <p>The application note for the 3-Phase Power Measurement Module 750-494 shows how the measured values of the power measurement module can be read. It is also shown how the power module can be configured using the WAGO-I/O-PRO- V2.3 visualization tool.</p>	<p>24.01.2014 2014 Nov 11</p>	<p>zip 1.7 MB</p>	<p>Download</p>
<p>Application Note for the 750-495 3-Phase Power Measurement Module</p> <p>The application note for the 3-Phase Power Measurement Module 750-495 shows how the measured values of the power measurement module can be read. It is also shown how the power module can be configured using the WAGO-I/O-PRO- V2.3 visualization tool.</p>	<p>24.01.2014 2014 Jan 24</p>	<p>zip 1.8 MB</p>	<p>Download</p>
<p>Connection of a Thermokon Thanos SR L MODBUS room control unit to the WAGO-I/O-SYSTEM</p> <p>The fundamental method of setting up communication between the WAGO I/O System and the Thanos SR L MODBUS room operating panel from Thermokon is described in this application note.</p>	<p>02.05.2013 2013 May 13</p>	<p>zip 313.2 kB</p>	<p>Download</p>
<p>Connection of DMX devices to the WAGO-I/O-SYSTEM via the ArtNet-DMX STAGE-PROFI 1.1</p> <p>This application note describes connecting the ArtNet-DMX STAGE-PROFI 1.1 to the WAGO-I/O-SYSTEM. The ArtNet-DMX STAGE-PROFI 1.1 can be operated as a DMX master and a DMX slave.</p>	<p>11.01.2013 2013 Jan 11</p>	<p>zip 1.5 MB</p>	<p>Download</p>
<p>Application Note PowerMeasurement_03 Library</p>	<p>19.01.2011 2012 Mar 19</p>	<p>zip 954.5 kB</p>	<p>Download</p>

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This application note describes how current, voltage, effective power, power factor and energy consumption can be measured using 3-phase power measurement modules (750-493).

Application Note Weather Station Elsner P03 Modbus This application note describes how communication can be set up between the WAGO I/O System and the ELSNER P03/3 weather station with a Modbus interface.	01.12.2011 2011 Oct 28	zip 275.6 kB	Download
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Application Note Connecting with an iPod Touch This Application Note explains the basic procedures for access to the WAGO Ethernet Controller 750-8xx or the WAGO Ethernet Coupler 750-3xx using an iPod Touch.	30.03.2011 2011 Oct 28	zip 439.1 kB	Download
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Application Note Scheduler_03.lib This application note describes different applications of the Scheduler_03.lib library.	20.05.2011 2011 May 20	zip 1.8 MB	Download
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Application Note e!COCKPIT

Application Note Data Plotter The Data Plotter is a Web application that can be used as a visualization tool for the data logger in CODESYS V2.3 and e!COCKPIT. It allows the user to graphically display data captured by the data logger library (WAGO_Datalogger_02.lib for CODESYS V2.3 and WagoAppDatalogger for e!COCKPIT from V1.2.100.6023).	2023-06-01 2023 Jun 1	zip 6.7 MB	Download
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e!COCKPIT application note WagoAppCloud This application note explains how the WAGO controllers PFC100 and PFC200 can communicate with cloud services like Microsoft Azure (WAGO Cloud), Amazon AWS and IBM Bluemix. Data could be send to the cloud and commands could receive from the cloud. The library WagoAppCloud for e!COCKPIT is used.	2022-11-04 2022 Nov 4	zip 2.7 MB	Download
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SNMP Communication (a500850) This application note explains how the WAGO controllers PFC100 and PFC200 can communicate via SNMP: Sending traps / inform notifications, creating an MIB and using the controller as an SNMP agent. To do so, the SNMP-specific libraries for WAGO-I/O-PRO V2.3 and e!COCKPIT are used.	1.1.0 2020 Feb 20	zip 3.8 MB	Download
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eCOCKPIT application note installation MySQL-Server This Application Note explains how a MySQL-Server can be set up and used on a PFC 200. The Application shows how measurement values of the 3-Phase Power Measurement Module can be written into a database.	1.0.3 2019 Sep 9	pdf 1.9 MB	Download
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HART Tool Routing via ETHERNET with 750-820x and e!RUNTIME (a116130) This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices. With the Cerabar PMC51 (Endress+Hauser) as an example, a connection is established from any HART sensor to a WAGO PROFIBUS Controller and a WAGO	1.0.0 2019 Mar 22	pdf 2.9 MB	Download
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ETHERNET fieldbus coupler. The configuration is made with the asset management software WAGOframe, PACTware und FieldCare.

Libraries

Library

<p>WAGO_Datalogger_02.lib</p> <p>The FbDatalogger function block logs entries from up to 80 channels at an interval of min. one second in a CSV file.</p>	<p>2.7</p> <p>2020 May 20</p>	<p>zip</p> <p>678.8 kB</p>	<p>Download</p>
<p>ModuleAccess_01.lib</p> <p>The ModuleAccess_01 library provides both module configuration and access to its process data within a CoDeSys project without the use of WAGO I/O Check.</p>	<p>1.8.7</p> <p>2020 Jan 27</p>	<p>zip</p> <p>2.2 MB</p>	<p>Download</p>
<p>Library WagoLibCloud_02.lib</p> <p>Die Bibliothek dient zur Kommunikation des WAGO Controller PFC100 und PFC200 mit Cloud Diensten wie Microsoft Azure (WAGO Cloud), Amazon AWS and IBM Bluemix. Daten können zur Cloud gesendet und Kommandos von der Cloud empfangen werden.</p>	<p>2.2.4</p> <p>2020 Jan 21</p>	<p>zip</p> <p>57.6 kB</p>	<p>Download</p>
<p>WagoConfigToolLIB</p> <p>The library WagoConfigToolLIB.lib library provides function blocks for accessing the device configuration (e.g., network settings, data and time, ongoing services).</p>	<p>1.0.0</p> <p>2013 Oct 8</p>	<p>pdf</p> <p>349.1 kB</p>	<p>Download</p>
<p>WagoLibCpuUsage</p> <p>This library enables you to determine the CPU load (usage).</p>	<p>1.0.0</p>	<p>pdf</p> <p>265.7 kB</p>	<p>Download</p>
<p>WagoLibDiagnosticIDs</p> <p>This library is used to take part in an internal diagnostics protocol via an IEC-61131 application. You can define your own IDs and provide your own texts for this. You can also transmit your own diagnostics IDs. Diagnostics generated in this manner are saved in the system log and displayed in text form, for example, in the WBM.</p>	<p>1.0.0</p>	<p>pdf</p> <p>298.2 kB</p>	<p>Download</p>
<p>WagoLibLed</p> <p>This library contains function blocks that can be used for control and querying of the user LEDs and for querying of the status LEDs. Depending on the device design, not all of the user or status LEDs may be provided.</p>	<p>1.0.0</p>	<p>pdf</p> <p>516.5 kB</p>	<p>Download</p>
<p>WagoLibNetSnmpManager</p> <p>The "WagoLibNetSnmpManager.lib" library is used to implement SNMP manager functions. This makes it possible to access other SNMP agents as well as call and modify OIDs via an IEC program.</p>	<p>1.1.0</p>	<p>pdf</p> <p>1.1 MB</p>	<p>Download</p>

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



Engineering-Software

e!COCKPIT

e!COCKPIT	1.11.2.0	zip	Download
Register at no cost and test our engineering software for 30 days.	2023 Apr 24	4.1 GB	

Configuration and Commissioning Software

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

WAGO Solution Builder

WAGO Solution Builder		URL	Download
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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.

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

WAGUpload		URL	Download
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WAGUpload 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
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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

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- ...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

Runtime Software

GitHub: Linux® Toolchain

GitHub: Linux® Software Development Kit (SDK)

URL

Download

With the PFC SDK, WAGO offers Linux® enthusiasts the opportunity to compile the PFC firmware themselves, and to expand it according to their own wishes.

The WAGO PFC SDK includes a Pengutronix build environment, optimized for the PFC, and the OSELAS Toolchain, which open up the following possibilities, among others:

- Expanding the firmware functions using open source packages like: Python, SQLite3, PHP, etc.
- Compiling their own C/C++ applications with direct or indirect bus access to the local bus, CANopen, or PROFIBUS.
- Compiling external libraries using CODESYS V2 to expand the PLC applications.
- There are detailed instructions for many of these tasks and ideas (see WAGO GitHub HowTo's).

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

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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.



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	

IoT/ Cloud

"Remote Access" Beta Software

"Remote Access" Beta Software	V 0.12.0.0	ZIP	Download
Register for the beta version of "Remote Access" for the WAGO Cloud.	2020 Dec 6	2.1 MB	

CAD/CAE-Data

CAD data

2D/3D Models 750-8216		URL	Download
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CAE data

ZUKEN Portal 750-8216		URL	Download
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EPLAN Data Portal 750-8216		URL	Download
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Device Files

Device Description File

750-910; GSD files for PROFIBUS / 750, 752, 755, 758 and 767 Series	6.8 2023 Jan 15	zip 5.5 MB	Download
750-914; EDS file for CANopen / 750, 752 and 767 Series	XT 2021 Mar 12	zip 1.8 MB	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-8216 Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Slave		URL	Download
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Installation Notes

Product family

Controller 750

[Show all products from the family](#)

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