

|: 750-8214

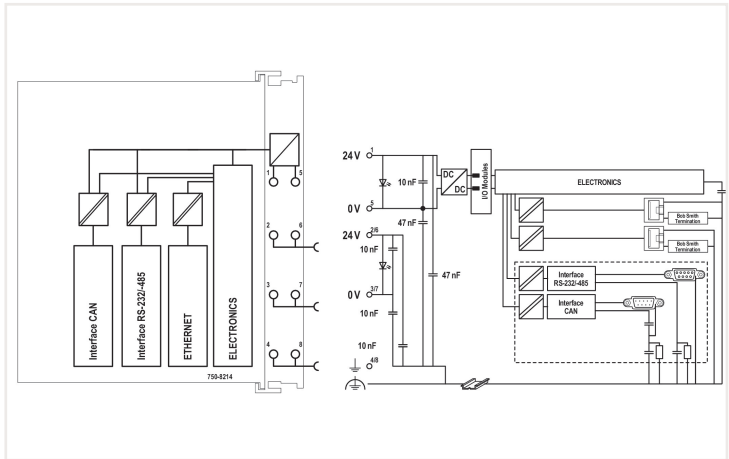
Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen



<https://www.wago.com/750-8214>

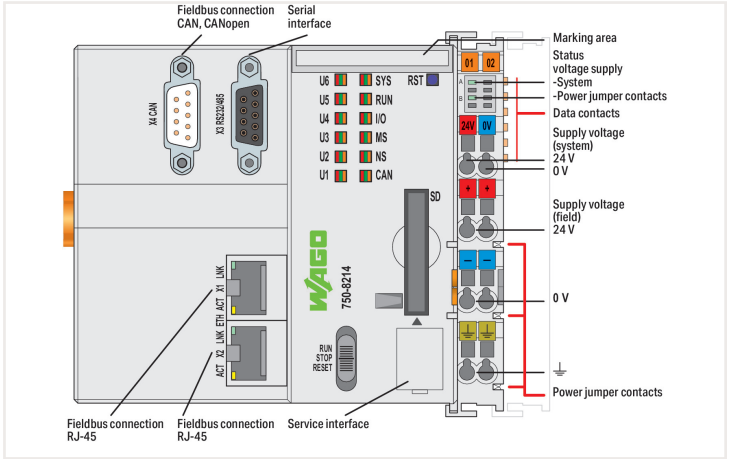


■ light gray



PFC200 Communication Options Overview

Order	Product version	Description	Item No.	Cat. Temperature
Order No.	Product version	Description	Item No.	Cat. Temperature
750-8210	750-8210-000	Controller PFC200; 2nd Generation; 4 x ETHERNET	750-8210	750-8210-000
750-8211	750-8211-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485	750-8211	750-8211-000
750-8212	750-8212-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen	750-8212	750-8212-000
750-8213	750-8213-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485	750-8213	750-8213-000
750-8214	750-8214-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8214	750-8214-000
750-8215	750-8215-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8215	750-8215-000
750-8216	750-8216-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8216	750-8216-000
750-8217	750-8217-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8217	750-8217-000
750-8218	750-8218-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8218	750-8218-000
750-8219	750-8219-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8219	750-8219-000
750-8220	750-8220-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8220	750-8220-000
750-8221	750-8221-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8221	750-8221-000
750-8222	750-8222-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8222	750-8222-000
750-8223	750-8223-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8223	750-8223-000
750-8224	750-8224-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8224	750-8224-000
750-8225	750-8225-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8225	750-8225-000
750-8226	750-8226-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8226	750-8226-000
750-8227	750-8227-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8227	750-8227-000
750-8228	750-8228-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8228	750-8228-000
750-8229	750-8229-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8229	750-8229-000
750-8230	750-8230-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8230	750-8230-000
750-8231	750-8231-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8231	750-8231-000
750-8232	750-8232-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8232	750-8232-000
750-8233	750-8233-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8233	750-8233-000
750-8234	750-8234-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8234	750-8234-000
750-8235	750-8235-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8235	750-8235-000
750-8236	750-8236-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8236	750-8236-000
750-8237	750-8237-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8237	750-8237-000
750-8238	750-8238-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8238	750-8238-000
750-8239	750-8239-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8239	750-8239-000
750-8240	750-8240-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8240	750-8240-000
750-8241	750-8241-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8241	750-8241-000
750-8242	750-8242-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8242	750-8242-000
750-8243	750-8243-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8243	750-8243-000
750-8244	750-8244-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8244	750-8244-000
750-8245	750-8245-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8245	750-8245-000
750-8246	750-8246-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8246	750-8246-000
750-8247	750-8247-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8247	750-8247-000
750-8248	750-8248-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8248	750-8248-000
750-8249	750-8249-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8249	750-8249-000
750-8250	750-8250-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8250	750-8250-000
750-8251	750-8251-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8251	750-8251-000
750-8252	750-8252-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8252	750-8252-000
750-8253	750-8253-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8253	750-8253-000
750-8254	750-8254-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8254	750-8254-000
750-8255	750-8255-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8255	750-8255-000
750-8256	750-8256-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8256	750-8256-000
750-8257	750-8257-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8257	750-8257-000
750-8258	750-8258-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8258	750-8258-000
750-8259	750-8259-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8259	750-8259-000
750-8260	750-8260-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8260	750-8260-000
750-8261	750-8261-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8261	750-8261-000
750-8262	750-8262-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8262	750-8262-000
750-8263	750-8263-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8263	750-8263-000
750-8264	750-8264-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8264	750-8264-000
750-8265	750-8265-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8265	750-8265-000
750-8266	750-8266-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8266	750-8266-000
750-8267	750-8267-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8267	750-8267-000
750-8268	750-8268-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8268	750-8268-000
750-8269	750-8269-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8269	750-8269-000
750-8270	750-8270-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8270	750-8270-000
750-8271	750-8271-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8271	750-8271-000
750-8272	750-8272-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8272	750-8272-000
750-8273	750-8273-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8273	750-8273-000
750-8274	750-8274-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8274	750-8274-000
750-8275	750-8275-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8275	750-8275-000
750-8276	750-8276-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8276	750-8276-000
750-8277	750-8277-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8277	750-8277-000
750-8278	750-8278-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8278	750-8278-000
750-8279	750-8279-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8279	750-8279-000
750-8280	750-8280-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8280	750-8280-000
750-8281	750-8281-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8281	750-8281-000
750-8282	750-8282-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8282	750-8282-000
750-8283	750-8283-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8283	750-8283-000
750-8284	750-8284-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8284	750-8284-000
750-8285	750-8285-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8285	750-8285-000
750-8286	750-8286-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8286	750-8286-000
750-8287	750-8287-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8287	750-8287-000
750-8288	750-8288-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8288	750-8288-000
750-8289	750-8289-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8289	750-8289-000
750-8290	750-8290-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8290	750-8290-000
750-8291	750-8291-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8291	750-8291-000
750-8292	750-8292-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8292	750-8292-000
750-8293	750-8293-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8293	750-8293-000
750-8294	750-8294-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8294	750-8294-000
750-8295	750-8295-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8295	750-8295-000
750-8296	750-8296-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8296	750-8296-000
750-8297	750-8297-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8297	750-8297-000
750-8298	750-8298-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8298	750-8298-000
750-8299	750-8299-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8299	750-8299-000
750-8300	750-8300-000	Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232-485, CANopen, RS-485, RS-485	750-8300	750-8300-000



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).

Programming per IEC 61131-3

- Programmable via WAGO-I/O-PRO V2.3 or **e!COCKPIT**
- Direct connection of WAGO's I/O modules
- 2 x ETHERNET (configurable), RS-232/485, CAN, CANopen
- Linux operating system with RT-Preempt patch
- Configuration via CODESYS, **e!COCKPIT** or Web-Based Management interface
- Maintenance-free

Technical data	
Communication	CANopen Modbus (TCP, UDP) ETHERNET EtherNet/IP™ Adapter (slave), library for e!RUNTIME Modbus® RTU RS-232 serial interface RS-485 interface MQTT EtherCAT® master (requires an additional license)

Technical data	
ETHERNET protocols	DHCP DNS NTP FTP FTPS SNMP HTTP HTTPS SSH
Visualization	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) Structured Text (ST) Sequential Function Chart (SFC)
Programming environment	e!COCKPIT (based on CODESYS V3) WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)
Configuration options	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 KB
Program memory	CODESYS V2: 16 MB; e!RUNTIME : 32 MB
Data memory	CODESYS V2: 64 MB; e!RUNTIME : 128 MB
Non-volatile software memory	128 KB 128 KB
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; e!RUNTIME : 32000 words/32000 words
Input and output process image (CAN) max.	2000 words/2000 words
Indicators	LED (SYS, RUN, I/O, CAN, U1 ... U6) red/green/orange: Status system, program, internal data bus, CANopen, status programmable by user (can be used via CODESYS library); LED (A, B) green: Status 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)	1700 mA
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	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 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	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	256.9 g
Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE

Environmental requirements	
Ambient temperature (operation)	0 ... +55 °C
Surrounding air temperature (storage)	-25 ... +85 °C
Protection type	IP20
Pollution degree (5)	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	2.857 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 Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4055143759762
Customs tariff number VKOrg Germany	8537109190

Approvals and certificates

Ex-Approvals			Country specific Approvals		
PTB 0102 Ex CCC Ex nA IIC T4 Gc ERC Ex IECEX UL			EAC Brjansker Zertifizierungsstelle KC National Radio Research Agency		
ATEX TUEV Nord Cert GmbH	EN 60079-0		EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
CCCEX CQST/CNEx	CNCA-C23-01	2020312310000213 (Ex nA IIC T4 Gc)	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-PFC750
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			
UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1			

Ship Approvals			UL-Approvals		
ABS Bureau Veritas DNV KR LR PR RINA			UL		
ABS American Bureau of Ship- ping	-	22-2219060	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199 Sec11
BSH Bundesamt fuer See- schifffahrt und Hydrogra- phie	-	1104			
BV Bureau Veritas S.A.	Rules for class. of Steel Ships	66711/A0			
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA0000194			
KR Korean Register of Ship- ping	-	KR HMB05880-AC001			
LR Lloyds Register EMEA	-	LR22180952TA			
PRS Polski Rejestr Statków	-	TE/2236/880590/19			
RINA RINA Germany GmbH	-	ELE343521XG001			

Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 750-8214			↓

Documentation			
Manual		System Description	
Cyber Security for Controller PFC100 / PFC200	V 1.2.0	pdf	↓
		8128.80 KB	
PFC200 G2 2ETH RS CAN	1.8.0	pdf	↓
	29.04.2022	8245.83 KB	
System Manual WAGO I/O System 750 / 753	V 3.1.0	pdf	↓
	11.05.2022	8495.90 KB	
System Manual Series 750/753			↓
OPC UA Mapping Editor	V 1.1.0	pdf	↓
	11.03.2022	3314.23 KB	
OPC_UA Mapping Editor			↓
WAGO MODBUS Master Configurator	V 1.1.0	pdf	↓
		1761.50 KB	
Tutorial			
Establish connection to a controller using SSH	1.0	mp4	↓
	05.08.2017	28368.02 KB	
Set IP address with Ethernet Settings	3.0	mp4	↓
	18.12.2017	86272.82 KB	
Additional Information			
Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	↓
		259.56 KB	
WAGO OPC UA Server	V 1.1.0	pdf	↓
	28.01.2021	1132.87 KB	

Bid Text			
750-8214		xml	↓
	19.02.2019	9.63 KB	
750-8214		docx	↓
	23.01.2019	21.75 KB	

Application Notes			
Application Note CoDeSys 2.3		Application Note CoDeSys 2.3	
Application note for installing a MySQL-Server on a PFC-Controller	V 1.0.4	zip	↓
	16.05.2019	4392.22 KB	
Application note Cloud Connectivity	2019-09-17	zip	↓
	17.09.2019	3973.74 KB	
HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120)	1.0.0	pdf	↓
	22.03.2019	3798.36 KB	
HART Tool Routing via PROFIBUS with 750-833 and 750-333 (a116140)	1.0.0	pdf	↓
	22.03.2019	5214.96 KB	
Using the web visualization with Java™ runtime environment (JRE, JVM) 7 update 51 (7u51) (a500690)	V1.2.4	zip	↓
	26.02.2019	4896.43 KB	
Application Note PowerMeasurement_03 Library	19.01.2011	zip	↓
	19.03.2012	932.08 KB	
Application Note: DMX_02	26.04.2017	zip	↓
	26.04.2017	733.43 KB	
HVAC System Macros	10.03.2017	zip	↓
	15.03.2019	13252.92 KB	
Application Note: Mp-Bus_03 Library	2020-08-14	zip	↓
	14.08.2020	513.66 KB	

Application Note CoDeSys 2.3			
Connection of a Thermokon Thanos SR L MODBUS room control unit to the WAGO-I/O-SYSTEM	02.05.2013 13.05.2013	zip 305.89 KB	↓
Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus	V 1.1 07.07.2017	zip 762.78 KB	↓
Application Note Scheduler_03.lib	20.05.2011 20.05.2011	zip 1717.92 KB	↓
Application Note Connecting with an iPod Touch	30.03.2011 28.10.2011	zip 428.79 KB	↓
GRUNDFOS GENibus interface, application note	20.03.2017 20.03.2017	zip 279.86 KB	↓
Connection of Thermokon Multi-function room control units WRF 08	10.04.2019 10.04.2019	zip 855.84 KB	↓
Connection of DMX devices to the WAGO-I/O-SYSTEM via the ArtNet-DMX STAGE-PROFI 1.1	11.01.2013 11.01.2013	zip 1450.63 KB	↓
Connection of Thermokon Multi-function room control units WRF 06	10.04.2019 08.04.2016	zip 826.10 KB	↓
Application Note for the 750-494 3-Phase Power Measurement Module	24.01.2014 11.11.2014	zip 1629.99 KB	↓
Application Note: EnOcean_06 Library	30.11.2016 30.11.2016	zip 822.25 KB	↓
Application Note for the 750-495 3-Phase Power Measurement Module	24.01.2014 24.01.2014	zip 1806.18 KB	↓
Application Note Library WagoDatalogger_02	2020-05-20 20.05.2020	zip 1256.74 KB	↓
Application Note Weather Station Elsner P03 Modbus	01.12.2011 28.10.2011	zip 269.09 KB	↓
Application note: DALI 753-647 Configuration Interface	V1.0.2 29.04.2019	zip 3032.71 KB	↓
HLK-Anlagenmakros für TRIC	2015-07-10 10.07.2015	zip 74963.43 KB	↓
Application Note Library ModuleAccess_01	05.01.2016 29.01.2016	zip 1001.22 KB	↓
Anwendungshinweis für die Steuerung eines Igs robotlink	12.11.2015 12.11.2015	zip 1281.38 KB	↓

Application Note e!COCKPIT			
e!COCKPIT application note installation MySQL-Server	1.0.3 09.09.2019	pdf 1868.46 KB	↓
e!COCKPIT application note WagoAppCloud	2021-12-06 06.12.2021	zip 2734.04 KB	↓
HART Tool Routing via ETHERNET with 750-820x and e!RUNTIME (a116130)	1.0.0 22.03.2019	pdf 2867.01 KB	↓
SNMP Communication (a500850)	V1.1.0 20.02.2020	zip 3743.05 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 750-8214	↓	EPLAN Data Portal 750-8214	↓
		ZUKEN Portal 750-8214	↓

Engineering-Software			
Configuration and Commissioning Software			
WAGO-IO-PRO Demo- Version (759-912) / Se- rie 750, 758 und 762	V 2.3.9.68 17.02.2022	zip 122524.17 KB	↓
WAGOUpload	1.15.0.0 02.02.2022	zip 11092.25 KB	↓

Runtime Software			
Firmware			
Image Update (SD Kar- te) PFC100/200	V 22 25.07.2022	zip 205165.20 KB	↓
WUP Update (WAGOUp- ploadTool) PFC100/200	V 22 26.07.2022	zip 203035.17 KB	↓

Libraries			
Library			
WagoConfigToolLIB	1.0.0 08.10.2013	pdf 340.92 KB	↓
WagoLibLed	1.0.0	pdf 504.39 KB	↓
WagoLibNetSnmpMa- nager	1.1.0	pdf 1090.83 KB	↓
WagoLibDiagnosticIDs	1.0.0	pdf 291.17 KB	↓
WagoLibCpuUsage	1.0.0	pdf 259.51 KB	↓
Library WagoLib- Cloud_02.lib	2.2.4 21.01.2020	zip 56.21 KB	↓
WAGO_Datalogger_02. lib	2.7 20.05.2020	zip 662.90 KB	↓

1 Compatible products

1.1 Optional accessories

1.1.1 Cables and connectors

1.1.1.1 Connector plug



:750-979/000-011
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief



:750-979/000-021
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief



:750-979/000-012
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief



:750-979/000-022
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief



:750-977/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22



:750-978/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief



:750-977/000-021
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24



:750-978/000-021
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief



:750-977/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22



:750-978/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief



:750-977/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24



:750-978/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief



:750-975
ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly



:750-963
Fieldbus Connector CANopen; with D-sub female connector; 9-pole

1.1.2 Communication

1.1.2.1 Bluetooth



:750-921
Bluetooth® Adapter

1.1.2.2 Communication cable



:750-923
Configuration cable; USB connector; Length: 2.5 m



:750-923/000-001
Configuration cable; USB connector; Length: 5 m

1.1.3.1 Mounting accessories



:210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



:210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



:210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored



:210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



:210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



:210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



:210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



: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



: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



:210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored



:210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



:210-505
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

1.1.3 DIN-rail

1.1.4 Marking

1.1.4.1 Group marker carrier



: 750-107
Group marker carrier

1.1.4.2 Marker

: 2009-145/000-006
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

: 2009-145/000-007
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

: 2009-145/000-023
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

: 2009-145/000-012
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

: 2009-145/000-005
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

: 2009-145/000-024
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

: 2009-145/000-002
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



: 248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

: 248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



: 248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



1.1.4.3 Marker carrier



: 750-103
Group marker carrier

1.1.5 Memory card

1.1.5.1 Memory card



: 758-879/000-2108
Memory Card SD; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C



: 758-879/000-001
Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C

1.1.6 Shield termination

1.1.6.1 Shield clamping saddles

 :790-108 Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm	 :790-208 Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm	 :790-116 Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm	 :790-216 Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm
 :790-124 Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm	 :790-220 Shield clamping saddle; 30 mm wide; 6 ... 20 mm	 :790-140 Shield clamping saddle; diameter of compatible conductor	

1.1.7 Software

1.1.7.1 Basic version

 :2759-101/1110-4000 e!COCKPIT; Buy-out License	 :2759-101/1110-2005 e!COCKPIT; Multi-User License; 05 pcs	 :2759-101/1110-2010 e!COCKPIT; Multi-User License; 10 pcs	 :2759-101/1110-2015 e!COCKPIT; Multi-User License; 15 pcs
 :2759-101/1110-2020 e!COCKPIT; Multi-User License; 20 pcs	 :2759-101/1110-3000 e!COCKPIT; Site License	 :2759-101/1110-2002 e!COCKPIT; Workstation License	 :759-333 WAGO-I/O-PRO

1.1.7.2 Software applications

 :2759-120/1121-1000 e!COCKPIT MTP; Single License; Online activation	 :2759-245/211-1000 Library Controller Redundancy Master; Single License; Online activation	 :2759-208/211-1000 Library MTP; Single License; Online activation
---	---	---

1.1.8 System enclosure

1.1.8.1 System enclosure

 :850-825 IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20	 :850-826 IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	 :850-827 IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	 :850-828 IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip
 :850-826/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	 :850-827/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	 :850-828/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip	 :850-834 IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20
 :850-835 IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	 :850-836 IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	 :850-814/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate	 :850-815/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate
 :850-816/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate	 :850-817/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate		

