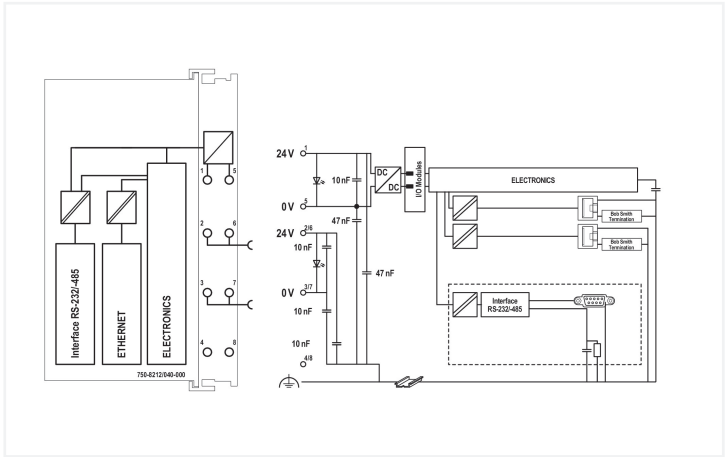


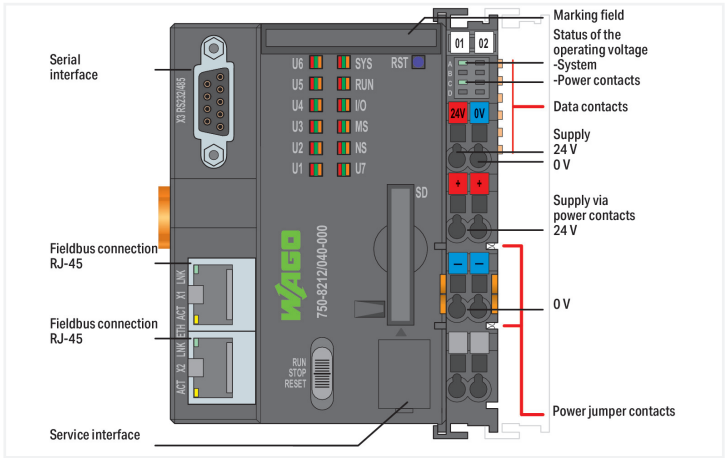


Color: ■ dark gray



PFC200 I/O Communication Options Overview

Option	RS-232C	RS-485	ETHERNET	Modbus	Profibus	DeviceNet	Power	Temperature	Shock	Vibration	EMC	MTBF
Standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 13	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 17	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 18	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 19	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 21	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 28	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 29	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 31	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 33	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 34	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 35	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 37	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 38	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 39	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 41	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 42	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 43	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 45	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 46	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 47	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 48	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 49	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 51	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 52	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 53	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 54	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 55	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 57	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 58	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 59	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 61	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 62	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 63	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 64	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 65	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 66	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 67	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 69	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 71	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 72	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 73	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 74	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 76	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 77	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 78	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 79	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 81	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 82	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 83	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 84	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 85	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 86	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 87	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 88	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 89	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 90	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 91	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 92	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 93	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 94	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 95	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 96	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 97	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 98	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 99	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h
Option 100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100,000 h



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 with CODESYS V3.5 from Firmware Release 23, WAGO-I/O-PRO V2.3 or **e!COCKPIT** up to Firmware Release 22
- Direct connection of WAGO's I/O modules
- 2 x ETHERNET (configurable), RS-232/-485
- Linux operating system with RT-Preempt patch
- Configuration via CODESYS, **e!COCKPIT** or Web-Based Management user interface
- Maintenance-free

The device is ideal for operation in extreme environments thanks to:

- An extended temperature range
- Greater immunity to impulse voltages and electromagnetic interference
- Higher vibration and shock resistance

Technical data	
Communications	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
Operating system	Real-time Linux (with PREEMPT_RT 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	CODESYS V3.5, Firmware Release 23 or higher 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
Transmission 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; CODESYS V3: 32 MB
Data memory	CODESYS V2: 64 MB; CODESYS V3: 128 MB
Non-volatile software memory	128 KB
Non-volatile software memory	128 KB
Type of memory card	SD and SDHC up to 32 GB (all guaranteed properties only valid with WAGO's memory card)
Memory Card Slot	Push-push mechanism; cover lid (sealable)
Number of modules per node (max.)	64
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
Drift – system clock (25 °C)	20 ppm
Drift – Real Time Clock (25 °C)	3 ppm
RTC backup time (25 °C)	15 days
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, B) green: Status of system power supply, field supply



Technical data	
Derating	Derating (supply voltage): Ambient temperatures under laboratory conditions: (-25 ... +30 %); for -40 ... +55 °C: 24 V (-25 ... +20 %); for +55 ... +70 °C: 24 V (-25 ... +10 %); Lower limit in all temperature ranges: -27.5 % (including 15 % residual ripple)
Supply voltage (system)	24 VDC; via pluggable connector (CAGE CLAMP® connection); Derating must be observed!
Input current (typ.) at nominal load (24 V)	550 mA
Total current (system supply)	1700 mA
Supply voltage (field)	24 VDC; Power supply via pluggable connector (CAGE CLAMP® connection); Transmission via power jumper contacts; Derating must be observed!
Current carrying capacity (power jumper contacts)	10 A
Number of outgoing power jumper contacts	2
Rated impulse withstand voltage	1 kV

Connection data	
Connection technology: communication/fieldbus	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	4 x CAGE CLAMP®
Connectable conductor materials	Copper
Connection type	System/field supply
Solid conductor	0.25 ... 2.5 mm² / 24 ... 14 AWG
Fine-stranded conductor	0.25 ... 2.5 mm² / 24 ... 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	
Mounting type	DIN-35 rail

Material data	
Color	dark gray
Housing material	Polycarbonate; polyamide 6.6
Fire load	2.747 MJ
Weight	213 g
Conformity marking	CE



Environmental requirements	
Ambient temperature (operation)	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Ambient temperature (installation)	-20 ... +70 °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.)
Mounting position	Horizontal left, horizontal up, vertical top and vertical bottom
Relative humidity (without condensation)	95 %
Relative humidity (with condensation)	Short-term condensation per Class 3K7/IEC EN 60721-3-3 and E-DIN 40046-721-3 (except for wind-driven precipitation, water and ice formation)
Vibration resistance	Per IEC 60068-2-6 (acceleration: 5g), EN 60870-2-2, IEC 60721-3-1, -3, EN 50155, EN 61373
Shock resistance	per IEC 60068-2-27 (15g/11 ms/half-sine/1,000 shocks; 25g/6 ms/1,000 shocks), EN 50155, EN 61373
EMC immunity to interference	per EN 61000-6-1, -2; EN 61131-2; marine applications; EN 50121-3-2; EN 50121-4, -5; EN 60255-26; EN 60870-2-1; EN 61850-3; IEC 61000-6-5; IEEE 1613; VDEW: 1994
EMC emission of interference	per EN 61000-6-3, -4, EN 61131-2, EN 60255-26, marine applications, EN 60870-2-1, EN 61850-3, EN 50121-3-2, EN 50121-4, -5
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
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	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966053395
Customs tariff number	85371091990

Product Classification	
UNSPSC	32151705
ETIM 9.0	EC000236
ETIM 8.0	EC000236
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
CAS-No.	1303-86-2 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
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	fd31b7f9-3a45-43a4-b763-d43e9a148
SCIP notification number (Belgium)	bc87a8d4-fcbd-4b6a-913b-a1ed970d4264
SCIP notification number (Bulgaria)	e5b0a6cd-c31f-47e1-834f-2dd3085dfa7f
SCIP notification number (Czech Republic)	bf0bbca7-9368-42c1-8e1d-1fbccd62d706
SCIP notification number (Denmark)	94cf83d7-17d1-41d8-9c03-c20107ee937c



Environmental Product Compliance	
SCIP notification number (Finland)	f017a87f-d491-4aaa-b331-4b2159bbd9cb
SCIP notification number (France)	f517084d-778f-4196-baa7-b25c10d2e116
SCIP notification number (Germany)	95d08044-b261-4598-857c-54896a94303c
SCIP notification number (Hungary)	f4bccb6e-8acf-4cb0-b7c5-82a45dfaeb45
SCIP notification number (Italy)	81bb0809-adfb-48ef-8f23-0eedf870d808
SCIP notification number (Netherlands)	4408c1c4-8cdc-41aa-8898-3b8a9c103d34
SCIP notification number (Poland)	0e00679b-06f0-4ab7-9a1e-9fc6d496da64
SCIP notification number (Romania)	13243c15-abaa-45a8-b2ec-6edfed07a432
SCIP notification number (Sweden)	5a0f9a6d-7b0b-4340-a3e3-1f45bddd3f0d

Approvals / Certificates											
General approvals		Declarations of conformity and manufacturer's declarations									
											
Approval	Standard	Certificate Name									
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083									
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	-	E175199									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-									

Approvals for marine applications		
		
Approval	Standard	Certificate Name
DNV DNV GL SE	-	TAA00000Y7
PRS Polski Rejestr Statków	-	TE/1099/880590/23

Approvals for hazardous areas		
		
Approval	Standard	Certificate Name
ATEX TUEV Nord Cert GmbH	EN 60079-0	TUEV 17 ATEX 193969X (II 3 G Ex ec IIC T4 Gc)
CCC CNEX	CNCA-C23-01	2020312310000214 (Ex ec IIC T4 Gc)
IECEx TUEV Nord Cert GmbH	IEC 60079-0	IECEx TUN 16.0046X (Ex ec IIC T4 Gc)
UKEx WAGO GmbH & Co. KG	EN 60079-0	UKCA_WA GO22UKEX005X_ec
UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 750-8212/040-000	



Documentation				
Manual			System Description	
System Manual Series 750/753			Controller PFC200 XTR, General Product Information	pdf 489.22 KB
Product Manual Controller PFC200; 2nd Generation; 2 x ETHER-NET, RS-232/-485	V 1.0.0 23.02.2022	pdf 7778.69 KB		
Bid Text			Instruction Leaflet	
750-8212/040-000		docx 32.57 KB	CCC Ex (Additional information)	pdf 144.58 KB
750-8212/040-000		xml 11.58 KB	26.04.2023	

Application Notes				
Application Note e!COCKPIT				
e!COCKPIT Application Note Application Weather Station	2021-11-08 06.12.2021	pdf 920.20 KB		
eCOCKPIT Application Note WagoAppMP_Bus	1.0.2 06.12.2021	pdf 625.92 KB		
eCOCKPIT Application Note WagoAppEnOcean	1.0.3 31.01.2023	pdf 804.01 KB		
eCOCKPIT application note WagoSolElsner	1.0.2 06.12.2021	pdf 512.20 KB		
eCOCKPIT Application Note WagoAppM_Bus	1.0.5 18.01.2022	pdf 1395.44 KB		
e!COCKPIT application note WagoAppDALI	2021-11-08 08.11.2021	pdf 2216.90 KB		
eCOCKPIT application note WagoAppBuilding	1.0.2 06.12.2021	pdf 1152.22 KB		
eCOCKPIT Application Note WagoAppSMI	2023-01-10 17.01.2023	zip 3598.46 KB		
eCOCKPIT Application Note WagoAppDataLogger	1.0.3 06.12.2021	pdf 1353.81 KB		
e!COCKPIT application note WagoSolHKW	1.0.2 06.12.2021	pdf 611.79 KB		
eCOCKPIT Application Note WagoAppKNX	1.0.3 06.12.2021	pdf 1109.70 KB		
eCOCKPIT Application Note WagoAppScheduler	2021-11-08 06.12.2021	pdf 964.05 KB		
eCOCKPIT Application Note WagoAppDMX	1.0.3 06.12.2021	pdf 749.91 KB		
e!COCKPIT Application Note HVAC macros	2021-12-06 06.12.2021	zip 10154.49 KB		
e!COCKPIT Application Note WagoAppControlSuite	1.0.2 06.12.2021	pdf 831.57 KB		
e!COCKPIT Application Note Mobotix	1.0.1 17.01.2022	pdf 2186.52 KB		
Application Note e!COCKPIT				
e!COCKPIT Application Note WagoSolEAP (a2019006)	2021-11-08 06.12.2021	pdf 659.32 KB		
e!COCKPIT Application Note WagoAppIOLink (a2019002)	2021-11-08 06.12.2021	pdf 569.23 KB		
e!COCKPIT Application Note WagoAppFuse (a2019001)	2021-11-08 06.12.2021	pdf 548.17 KB		
e!COCKPIT application note WagoAppJSON (a2019003)	2021-11-08 06.12.2021	pdf 516.17 KB		
e!COCKPIT Application Note WagoAppPower-Measurement	2021-11-08 06.12.2021	pdf 930.71 KB		
e!COCKPIT Application Note WagoSysDynamicMapping (a2019013)	1.0.2 06.12.2021	pdf 1631.42 KB		
e!COCKPIT Application Note WagoAppPower-Supply (a2019012)	1.1.1 06.12.2021	pdf 707.04 KB		
e!COCKPIT Application Note WagoAppSolenoid	1.0.1 06.12.2021	pdf 555.15 KB		
e!COCKPIT Application Note WagoAppStepper	1.0.1 06.12.2021	pdf 3306.34 KB		
e!COCKPIT AppNote GENibus (a2021003)	1.0.1 06.12.2021	pdf 755.13 KB		
CODESYS 3 Anwendungshinweis WAGO Solution Builder (a2021012)	2021-12-06 06.12.2021	zip 2678.00 KB		
CODESYS 3 Anwendungshinweis Thies Wettersensoren (a2021014)	2021-12-06 06.12.2021	zip 924.51 KB		
CODESYS 3 Anwendungshinweis HLK BACnet Makros (a2021010)	1.3.0 27.02.2023	zip 67588.63 KB		
e!COCKPIT Application Note OPC UA Client (a2022001)	1.0.0 05.04.2022	zip 1336.65 KB		



CAD/CAE-Data

CAD data
2D/3D Models 750-8212/040-000


Engineering-Software

Configuration and Commissioning Software			
CODESYS V3.5		png 315.13 KB	
WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762	V 2.3.9.68 17.02.2022	zip 122524.17 KB	
(759-316) WAGO Ethernet Settings / Serie 750	06.18.01.01 02.09.2021	zip 26678.54 KB	
WAGOupload	1.16.1.0 02.02.2022	zip 12111.45 KB	

Runtime Software

Firmware			
Image Update (SD Karte) PFC100/200 für Codesys V2.3 u. Elcockpit	V 22 SP1 12.12.2022	zip 205815.20 KB	
PFC200, Firmware Update für CoDeSys V3.5	V 23 24.02.2023	zip 167985.38 KB	
WUP Update (WAGOuploadTool) PFC100/200 Codesys V2.3 u. Elcockpit	V 22 SP1 12.12.2022	zip 203580.70 KB	

1 Compatible Products

1.1 Product Expansions

1.1.1 Runtime software

 Item No.: 2759-2283/211-1000 Runtime; BACnet; 300; M; Single License; Online activation	 Item No.: 2759-2273/211-1000 Runtime; BACnet; 300; S; Single License; Online activation	 Item No.: 2759-283/211-1000 Runtime; BACnet; 300; Single License; Online activation	 Item No.: 2759-2293/211-1000 Runtime; DNP3 Master; M; Single License; Online activation
 Item No.: 2759-2290/211-1000 Runtime; DNP3 Slave; Single License; Online activation	 Item No.: 2759-293/211-1000 Runtime; IEC60870 Master; M; Single License; Online activation	 Item No.: 2759-290/211-1000 Runtime; IEC60870 Slave; Single License; Online activation	 Item No.: 2759-2243/211-1000 Runtime; IEC61850 Client; M; Single License; Online activation
 Item No.: 2759-2240/211-1000 Runtime; IEC61850 Server; Single License; Online activation	 Item No.: 2759-248/211-1000 Runtime; Multi Cloud Connectivity; Single License; Online activation	 Item No.: 2759-247/211-1000 Runtime; Sparkplug; Single License; Online activation	



1.2 Optional Accessories			
1.2.1 Cables and connectors			
1.2.1.1 Connector plug			
 Item No.: 750-979/000-011 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief	 Item No.: 750-979/000-021 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief	 Item No.: 750-979/000-012 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief	 Item No.: 750-979/000-022 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief
 Item No.: 750-977/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22	 Item No.: 750-978/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief	 Item No.: 750-977/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24	 Item No.: 750-978/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief
 Item No.: 750-977/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22	 Item No.: 750-978/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief	 Item No.: 750-977/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24	 Item No.: 750-978/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief
 Item No.: 750-975 ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly			
1.2.2 Communication			
1.2.2.1 Communication cable			
 Item No.: 750-923 Configuration cable; USB connector; Length: 2.5 m	 Item No.: 750-923/000-001 Configuration cable; USB connector; Length: 5 m		
1.2.3 DIN-rail			
1.2.3.1 Mounting accessories			
 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	 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	 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	 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
 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	 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	 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	 Item No.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; "Hole width 18 mm; silver-colored
 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	 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	 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	 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



1.2.4 Marking

1.2.4.1 Group marker carrier



[Item No.: 750-107](#)
Group marker carrier

1.2.4.2 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

[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

[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

[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

[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

[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

[Item No.: 2009-145](#)
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[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



[Item No.: 248-501/000-006](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

[Item No.: 248-501/000-007](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

[Item No.: 248-501/000-023](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[Item No.: 248-501/000-017](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



[Item No.: 248-501/000-012](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

[Item No.: 248-501/000-005](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

[Item No.: 248-501/000-024](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

[Item No.: 248-501](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



[Item No.: 248-501/000-002](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



1.2.4.3 Marker carrier



[Item No.: 750-103](#)
Group marker carrier

1.2.5 Memory card

1.2.5.1 Memory card



[Item No.: 758-879/000-2108](#)
Memory Card SD; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C



[Item No.: 758-879/000-001](#)
Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C



1.2.6 Shield termination

1.2.6.1 Shield clamping saddles



Item No.: 790-108
Shield clamping saddle; 11 mm wide; dia-
meter of compatible conductor; 3 ... 8 mm



Item No.: 790-208
Shield clamping saddle; 12.4 mm wide;
3 ... 8 mm



Item No.: 790-116
Shield clamping saddle; 19 mm wide; dia-
meter of compatible conductor; 7 ... 16
mm



Item No.: 790-216
Shield clamping saddle; 21.8 mm wide;
6 ... 16 mm



Item No.: 790-124
Shield clamping saddle; 27 mm wide; dia-
meter of compatible conductor; 6 ... 24
mm



Item No.: 790-220
Shield clamping saddle; 30 mm wide; 6 ...
20 mm



Item No.: 790-140
Shield clamping saddle; diameter of com-
patible conductor

1.2.7 Software

1.2.7.2 Runtime software



Item No.: 2759-244/210-1000
Runtime; Room Automation; Macro; Single
License

1.2.7.3 Software Application



Item No.: 2759-206/261-1000
Application Energy Data Management;
Single License; Online activation



Item No.: 2759-2110/261-1000
Application flexROOM; Single License;
Online activation



Item No.: 2759-2015/260-1000
Application Grid Gateway; Single License



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



Item No.: 2759-204/261-1000
Application Lighting Management; Single
License; Online activation



Item No.: 2759-241/261-1000
Application Weather Station; Single Li-
cense; Online activation



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



Item No.: 2759-203/211-1000
Library Power Plant Control; VDE-AR-N
4110 / 4120; unlimited; Single License;
Online activation



Item No.: 2759-207/271-1000
Visualization Energy Data Management;
Single License; Online activation



Item No.: 2759-2103/271-1000
Visualization Lighting Management; L;
Single License; Online activation



Item No.: 2759-2102/271-1000
Visualization Lighting Management; M;
Single License; Online activation



Item No.: 2759-2101/271-1000
Visualization Lighting Management; S;
Single License; Online activation

1.2.8 System enclosure

1.2.8.1 System enclosure



Item No.: 850-825
IP65 enclosure; Aluminium (RAL 7032);
WxHxD (160x100x160 mm); 9 x M12, 4 x
M20



Item No.: 850-826
IP65 enclosure; Aluminium (RAL 7032);
WxHxD (240x100x160 mm); 4 x M20, 4 x
M16, 14 x M12 cable grip



Item No.: 850-827
IP65 enclosure; Aluminium (RAL 7032);
WxHxD (320x100x160 mm); 4 x M20, 8 x
M16, 17 x M12 cable grip



Item No.: 850-828
IP65 enclosure; Aluminium (RAL 7032);
WxHxD (480x100x160 mm); 4 x M20, 10 x
M16, 35 x M12 cable grip



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



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



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



Item No.: 850-834
IP65 enclosure; Polyester (RAL 7032); Wx-
HxD (164x100x164 mm); 9 x M12, 4 x M20



1.2.8.1 System enclosure



Item No.: 850-835
IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip



Item No.: 850-836
IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip



Item No.: 850-814/002-000
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate



Item No.: 850-815/002-000
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate



Item No.: 850-816/002-000
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate



Item No.: 850-817/002-000
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate