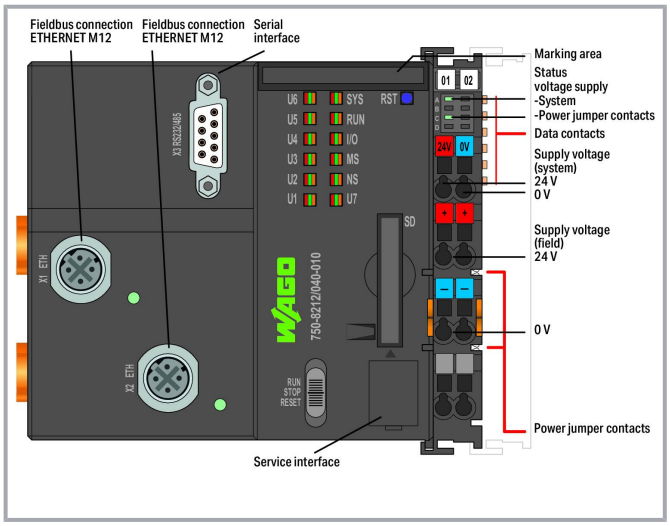
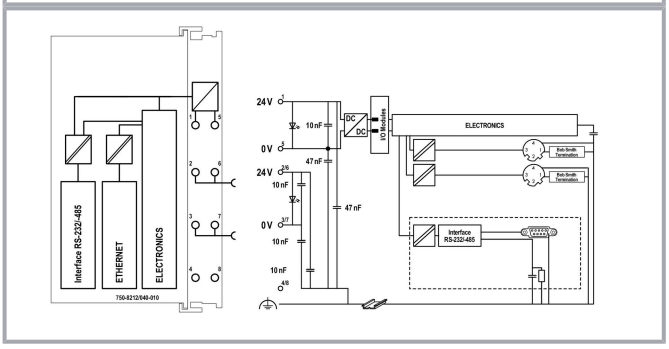
Data sheet | Item number: 750-8212/040-010

Controller PFC200; 2nd Generation; 2 x ETHERNET M12, RS-232/-485; Extreme

www.wago.com/750-8212/040-010





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Hansastr. 27
32423 Minden
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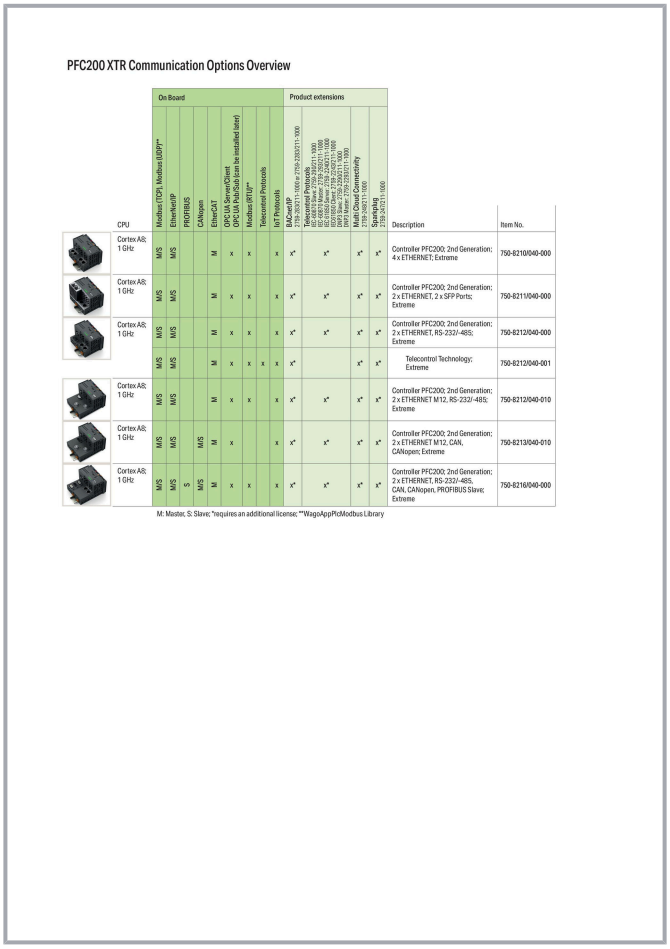

PFC200 XTR Communication Options Overview

| | CPU | On Board: Modbus (TCP), Modbus (UDP)** | On Board: EtherNet/IP | On Board: PROFIBUS | On Board: CANopen | On Board: EtherCAT | On Board: OPC UA Client/Server (Client, OPC UA Pub/Sub can be installed later) | On Board: Modbus (RTU)** | On Board: Telecontrol Protocols | On Board: IoT Protocols | Product extensions: BACnet/IP (750-831/040-000, 750-8202/025-000, 750-8202/040-000, 750-8217/040-000, 750-8220/040-000, 750-8220/040-001, 750-8220/040-002, 750-8220/040-003, 750-8220/040-004, 750-8220/040-005, 750-8220/040-006, 750-8220/040-007, 750-8220/040-008, 750-8220/040-009, 750-8220/040-010, 750-8220/040-011, 750-8220/040-012, 750-8220/040-013, 750-8220/040-014, 750-8220/040-015, 750-8220/040-016, 750-8220/040-017, 750-8220/040-018, 750-8220/040-019, 750-8220/040-020, 750-8220/040-021, 750-8220/040-022, 750-8220/040-023, 750-8220/040-024, 750-8220/040-025, 750-8220/040-026, 750-8220/040-027, 750-8220/040-028, 750-8220/040-029, 750-8220/040-030, 750-8220/040-031, 750-8220/040-032, 750-8220/040-033, 750-8220/040-034, 750-8220/040-035, 750-8220/040-036, 750-8220/040-037, 750-8220/040-038, 750-8220/040-039,

- Linux® operating system with RT-Preempt patch
- Configuration via CODESYS, *e!COCKPIT* or Web-Based Management 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

Data

Technical data

Communication	Modbus TCP master/slave Modbus (UDP), WagoAppPlcModbus Library Modbus (RTU), WagoAppPlcModbus Library ETHERNET EtherNet/IP™ Adapter (slave) EtherNet/IP™ Scanner EtherCAT® Master OPC UA Server/Client OPC UA Pub/Sub (can be installed later) MQTT 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

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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, from firmware release 23 *e!COCKPIT* (based on CODESYS V3), up to firmware release 22 WAGO-I/O-*PRO* V2.3 (based on CODESYS V2.3), up to firmware release 22
Configuration options	CODESYS V3 *e!COCKPIT* WAGO-I/O-*CHECK* Web-Based Management *e!RUNTIME* library CODESYS Library
Baud rate (communication/fieldbus 1)	10/100 Mbit/s
Baud rate	ETHERNET: 10/100 Mbit/s
Transmission medium (communication/fieldbus)	ETHERNET: Twisted Pair S-UTP; 100 Ω; Cat. 5; M12 D-coded; 100 m maximum cable length
Main memory (RAM)	512 MB
Internal memory (flash)	4096 MB
Non-volatile hardware memory	128 Kbytes
Program memory	CODESYS V2: 16 MB; CODESYS V3: 32 MB
Data memory	CODESYS V2: 64 MB; CODESYS V3: 128 MB
Non-volatile software memory	128 Kbytes
Non-volatile software memory	128. Kbytes
Type of memory card	SD and SDHC up to 32 GB (all guaranteed properties only valid with WAGO Memory Card)
Memory card slot	Push-push mechanism; Cover lid (sealable)
Number of modules per node (max.)	64
Input and output process image (internal) max.	1000 words/1000 words
Input and output process image (Modbus®) max.	CODESYS V2: 1000 words/1000 words; CODESYS V3: 32000 words /32000 words
Indicators	LED (SYS, RUN, I/O, U1 … U7) red/green/orange: Status of system, program, local data bus, status programmable by user (can be used via CODESYS library); LED (A, C) green: Status of system power supply, field supply
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);

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	Derating must be observed!
Input current (typ.) at nominal load (24 V)	550 mA
Total current (system supply)	1,700 mA
Supply voltage (actuator)	N/A N/A
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 surge voltage	1 kV

Connection data

Connection technology: communication/fieldbus	Modbus (TCP, UDP): 2 x M12 socket; 4-pole; D-coded; 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®
Connection type 1	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	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	259.2 g
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-40 … +70 °C
Ambient temperature (storage)	-40 … +85 °C

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Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	without temperature derating: 0 … 2000 m; with temperature derating: 2000 … 5000 m (0.5 K/100 m); 5000 m (max.)
Relative humidity (without condensation)	95 %
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)
Mounting position	horizontal (standing/lying); vertical
Mounting type	DIN-35 rail
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
Fire load	3.331 MJ

Commercial data

ETIM 8.0	EC000236
ETIM 7.0	EC000236
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143920551
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

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	2-methylimidazole Diboron trioxide Lead Lead monoxide Perfluorobutane sulfonic acid (PFBS) and its salts Zirconium Oxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	a5186c54-c6dc-4659-bd95-25260eb1b2d6
SCIP notification number (Belgium)	211f7cda-e809-4c6b-9b35-92c19c666f43
SCIP notification number (Bulgaria)	a5519cad-0180-4cbc-b296-b58035ec49b0
SCIP notification number (Czech Republic)	d3b20882-d35c-4ae5-bd24-db895a42a1ac
SCIP notification number (Denmark)	845036f8-7cb5-47f9-867a-cae2c6acf874
SCIP notification number (Finland)	7ab397da-915b-4658-bf5f-62d91887bdd2
SCIP notification number (France)	aeecd796-3607-43f0-b511-194ecaf75edf
SCIP notification number (Germany)	fec2374a-bcde-448b-8128-892d5e7e0495
SCIP notification number (Hungary)	e7077cb8-81d5-4e19-8623-9236a2a6fbf0
SCIP notification number (Italy)	47df93f6-62a5-4498-9fae-ec3a422fd8a4
SCIP notification number (Netherlands)	7d24c1b5-6761-4efd-a308-b35bf6e9029e
SCIP notification number (Poland)	10cdc3ab-57e7-4956-97a2-5fc11eae4f37
SCIP notification number (Romania)	ce6c3c48-56a4-45da-9307-8a16801f6576
SCIP notification number (Sweden)	991cbc5c-9b39-440f-b6b4-b2d06788c55b

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCC CNEX	CNCA-C23-01	2020312310000214 (Ex ec IIC T4 Gc)
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AZ58. B.2173-21 e (2Ex e IIC T4 Gc X)

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	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-PFC750
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	-	E175199

Declarations of conformity and manufacturer's declarations

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

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00000Y7

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	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_WAGO22UKEX005X_ec
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

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Required accessories

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

Optional accessories

Shield termination

Shield clamping saddles

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

www.wago.com/790-116

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

www.wago.com/790-124

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

www.wago.com/790-108

Item no.: 790-140
Shield clamping saddle; diameter of compatible conductor

www.wago.com/790-140

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

www.wago.com/790-216

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

www.wago.com/790-220

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

www.wago.com/790-208

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

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	Item no.: 850-815/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate	www.wago.com/850-815/002-000
	Item no.: 850-816/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate	www.wago.com/850-816/002-000
	Item no.: 850-817/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate	www.wago.com/850-817/002-000
	Item no.: 850-825 IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20	www.wago.com/850-825
	Item no.: 850-826 IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-826
	Item no.: 850-827 IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-827
	Item no.: 850-827/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-827/002-000
	Item no.: 850-826/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-826/002-000
	Item no.: 850-828/002-000 IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip	www.wago.com/850-828/002-000
	Item no.: 850-828 IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip	www.wago.com/850-828
	Item no.: 850-834 IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20	www.wago.com/850-834
	Item no.: 850-835 IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip	www.wago.com/850-835
	Item no.: 850-836 IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip	www.wago.com/850-836

Communication

Communication cable

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

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32423 Minden
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	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
	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

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32423 Minden
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Item no.: 248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow
www.wago.com/248-501/000-002

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

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

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

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

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

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

Group marker carrier

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

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

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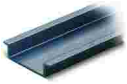
	Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	www.wago.com/210-506
	Item no.: 210-508 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	www.wago.com/210-508
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-113
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-118
	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	www.wago.com/210-112
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	www.wago.com/210-114
	Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored	www.wago.com/210-115
	**Item no.: 210-196** Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	www.wago.com/210-196

Software

Basic version

	Item no.: 2759-101/1110-2005 e!COCKPIT; Multi-User License; 05 pcs	www.wago.com/2759-101/1110-2005
	Item no.: 2759-101/1110-2002 e!COCKPIT; Workstation License	www.wago.com/2759-101/1110-2002
	Item no.: 2759-101/1110-2015 e!COCKPIT; Multi-User License; 15 pcs	www.wago.com/2759-101/1110-2015
	Item no.: 2759-101/1110-2020 e!COCKPIT; Multi-User License; 20 pcs	www.wago.com/2759-101/1110-2020
	Item no.: 2759-101/1110-2010 e!COCKPIT; Multi-User License; 10 pcs	www.wago.com/2759-101/1110-2010
	Item no.: 2759-101/1110-3000 e!COCKPIT; Site License	www.wago.com/2759-101/1110-3000

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WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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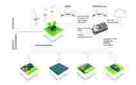
	Item no.: 2759-101/1110-4000 e!COCKPIT; Buy-out License	www.wago.com/2759-101 /1110-4000
	Item no.: 759-333 WAGO-I/O-PRO	www.wago.com/759-333
	Item no.: 759-333/000-923 WAGO-I/O-PRO; USB-Set	www.wago.com/759-333 /000-923

Software applications

	Item no.: 2759-206/261-1000 Application Energy Data Management; Single License; Online activation	www.wago.com/2759-206 /261-1000
	Item no.: 2759-207/271-1000 Visualization Energy Data Management; Single License; Online activation	www.wago.com/2759-207 /271-1000
	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	www.wago.com/2759-203 /211-1000
	Item no.: 2759-2101/271-1000 Visualization Lighting Management; S; Single License; Online activation	www.wago.com/2759-2101 /271-1000
	Item no.: 2759-2102/271-1000 Visualization Lighting Management; M; Single License; Online activation	www.wago.com/2759-2102 /271-1000
	Item no.: 2759-2103/271-1000 Visualization Lighting Management; L; Single License; Online activation	www.wago.com/2759-2103 /271-1000
	Item no.: 2759-2015/261-1000 Application Grid Gateway; Single License; Online activation	www.wago.com/2759-2015 /261-1000
	Item no.: 2759-2110/261-1000 Application flexROOM; Single License; Online activation	www.wago.com/2759-2110 /261-1000

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Hansastr. 27
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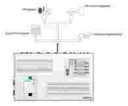	**Item no.: 2759-241/261-1000** Application Weather Station; Single License; Online activation	www.wago.com/2759-241/261-1000
	Item no.: 2759-204/261-1000 Application Lighting Management; Single License; Online activation	www.wago.com/2759-204/261-1000
	Item no.: 2759-245/211-1000 Library Controller Redundancy Master; Single License; Online activation	www.wago.com/2759-245/211-1000

Other

	Item no.: 2759-244/210-1000 Runtime; Room Automation; Macro; Single License	www.wago.com/2759-244/210-1000

Downloads

Documentation

Manual

Product Manual Controller PFC200 G2; 2xETHERNET M12, RS-232/-485 extrem	V 1.2.0 2021 Mar 11	pdf 9.0 MB	Download

Bid Text

750-8212/040-010 X81 - Datei		xml 9.8 kB	Download
750-8212/040-010 doc - File		docx 19.1 kB	Download

Instruction Leaflet

CCC Ex (Additional information) WAGO-I/O-SYSTEM *750-****/**40-****	2023 Apr 26	pdf 148.1 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
WAGO OPC UA Server	V 1.1.0 2021 Jan 28	pdf 1.2 MB	Download

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Application Notes

Application Note e!COCKPIT

e!COCKPIT Application Note WAGO Visualization Datalogger (a2022005) WAGO Visualization Datalogger is a Web application that can be used as a visualization tool for the recorded data of the datalogger library (WAGOAppDatalogger). WAGO Visualization Datalogger does not replace the datalogger but is rather a supplementary function. It is an HTML/Javascript application available via the Webserver on the controller. The user launches the Web application in a browser.	20230505 2023 May 5	zip 4.1 MB	Download
e!COCKPIT Anwendungshinweis HVAC BACnet Macros (a2021010) Basierend auf der Bibliothek WagoAppBuildingHVAC_BACnet stellt WAGO in dem Bereich Heizung, Lüftung und Klimatisierung verschieden HLK-Anlagenmakros mit BACnet-Anbindung zur Verfügung.	1.3.0 2023 Feb 27	zip 69.2 MB	Download
e!COCKPIT Application Note OPC UA Client (a2022001) In this application note, an example project for using the “WagoSysOpcuaClient” library is provided. The WagoSysOpcuaClient library provides the customer with function blocks to connect to one or more OPC UA servers, to read and write data points. The function blocks were developed in accordance with PLCopen-OPC-UA-Client for IEC 61131-3 (Document Version 1.1).	1.0.0 2022 Apr 5	zip 1.4 MB	Download

Libraries

WAGOAppRTU_Slaves Library

WAGOAppRTU_Slaves Library Library for the IEC-60870 connection of customer systems in the German electricity network area of the network operators E.ON, Westnetz, EWE and Netz BW; the number and power of the generating plants (EZA) is increasing. In order to ensure network stability, distribution system operators require that customer facilities become controllable and switchable. This means considerable programming effort for corresponding interfaces in the network connection point (NAP). For system integrators who use WAGO telecontrol technology, however, this work is not necessary, because with the library WAGOAppRTU_Slaves they can use ready-made communication libraries - as a free download for the network areas of the E.ON and EWE, networks BW and for Westnetz.	1.9.0.0 2023 Jan 18	ZIP 2.1 MB	Download

Engineering-Software

Desktop Application

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

CODESYS V3 with WAGO DSP

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WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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CODESYS Development System V3 including WAGO Device Support Package		URL	Download

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

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

You benefit from several WAGO libraries that support your application.

You can find it in our WAGO Download Center:

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

WAGO DSP for CODESYS V3

WAGO Device Support Package for CODESYS Development System V3		URL	Download

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

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

You can find it in our WAGO Download Center:

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

Configuration and Commissioning Software

(759-316) WAGO Ethernet Settings / Serie 750	06.18.01.01 2023 Feb 28	zip 27.3 MB	Download

Runtime Software

Firmware

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

Image Update (SD Karte) PFC100/200

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Image Update (SD Karte) PFC100/200 WAGO_FW0750-8xxx_V031010_IX22_SP1_I	V 22 SP1 2022 Dec 12	zip 210.8 MB	Download
WUP Update (WAGOuploadTool) PFC100/200 WAGO_FW0750-8xxx_V031010_IX22_SP1_W	V 22 SP1 2022 Dec 12	zip 208.5 MB	Download

Software Solutions (Applications)

WAGO Application Grid Gateway

WAGO Application Grid Gateway WAGO Application Grid Gateway supports power distribution grid operators in assessing grid performance. This application allows grid operators to use their existing distribution grid more efficiently, while avoiding unnecessary grid expansion. The measurement technology required in the substations for both the transformer and low-voltage outputs can be easily retrofitted. The application can be used for a 30-day trial period at no cost, after which a license for the specific controller is required. The license can be separately purchased under Item Number 2759-2015/0261-1000.	1.0.1 2021 Jun 1	zip 512.2 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 750-8212/040-010	URL	Download

CAE data

ZUKEN Portal 750-8212/040-010	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-8212/040-010 Controller PFC200; 2nd Generation; 2 x ETHERNET M12, RS-232/-485; Extreme	URL	Download

Installation Notes

Product family

Controller PFC XTR
Show all products from the family

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