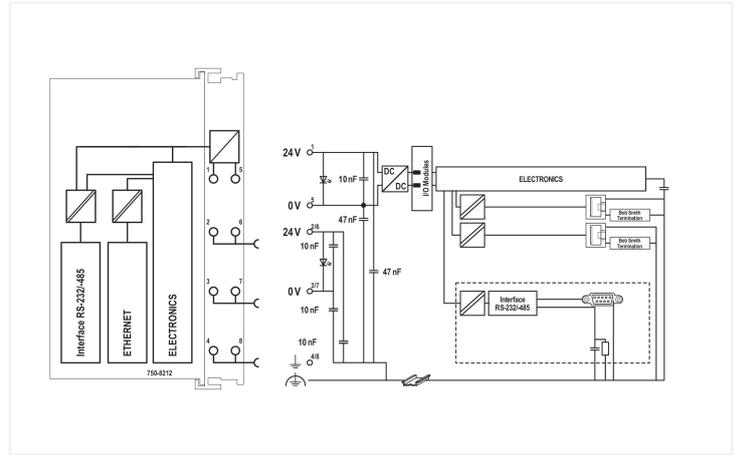


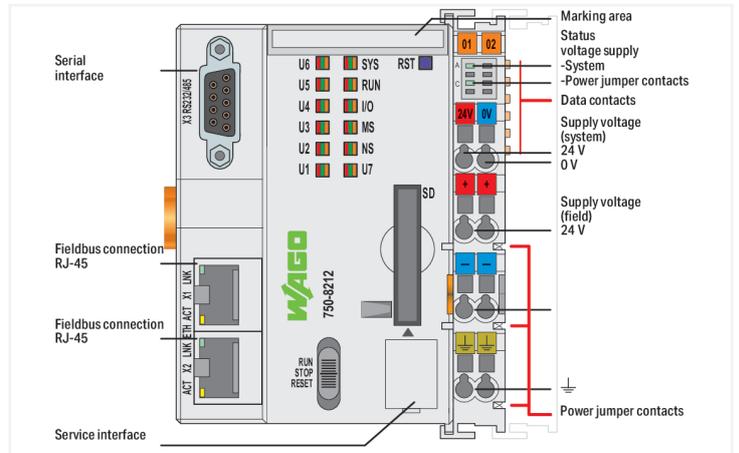


Color: ■ light gray



PFC200 Connection Options Overview

| Option | Order Code | Description | Notes |
|---------------------|------------|-----------------------|----------|
| Power supply | 750-8212 | 24 V DC, 1.5 A | Standard |
| Terminal block | 750-8212 | 16-pin, 5.08 mm pitch | Standard |
| SD card | 750-8212 | 1 GB, Class 10 | Optional |
| Fieldbus connection | 750-8212 | RS-485, RJ-45 | Optional |
| Serial interface | 750-8212 | RS-232, RS-485 | Optional |
| Service interface | 750-8212 | USB, Ethernet | Optional |



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 PREEMPT_RT patch
- Configuration via CODESYS or Web-Based Management user interface
- Maintenance-free

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**

| Technical data | |
|---|--|
| 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.) | 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 |
| Drift – system clock (25 °C) | 20 ppm |
| Drift – Real Time Clock (25 °C) | 3 ppm |
| RTC backup time (25 °C) | 30 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 |
| 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 | 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® |
| Connectable conductor materials | Copper |
| Connection type | 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 | 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 | light gray |
| Housing material | Polycarbonate; polyamide 6.6 |
| Fire load | 2.21 MJ |
| Weight | 214.8 g |
| Conformity marking | CE |

Environmental requirements

| | |
|--|---|
| Ambient temperature (operation) | 0 ... +55 °C |
| Ambient temperature (storage) | -25 ... +85 °C |
| Protection type | IP20 |
| Pollution degree | 2 per IEC 61131-2 |
| Operating altitude | without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); 5000 m (max.) |
| Mounting position | Horizontal left, horizontal right, horizontal top, horizontal bottom, vertical top and vertical bottom |
| Relative humidity (without condensation) | 95 % |
| 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 |
| 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 | 4055143758789 |
| Customs tariff number | 85371091990 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 32151705 |
| eCl@ss 10.0 | 27-24-26-07 |
| eCl@ss 9.0 | 27-24-26-07 |
| 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) | cdb3fb17-40de-4401-b69f-a4eba7617a35 |
| SCIP notification number (Belgium) | 9df949dc-8215-49fb-bc3d-b8138adf3d54 |
| SCIP notification number (Bulgaria) | 5e2cc238-0b57-44f5-841a-914b9a9106db |
| SCIP notification number (Czech Republic) | 6f2ec62b-b1d7-41fd-bd08-53f1f066579b |
| SCIP notification number (Denmark) | dda30b2f-13b4-4ba2-8217-5f0911ac8064 |
| SCIP notification number (Finland) | bf94d6c-4452-4dc4-98bf-4cf30aedaf9 |
| SCIP notification number (France) | db8dc1da-3777-4580-86fe-b255678ad3e9 |
| SCIP notification number (Germany) | cdb9d8e9-1c7c-4cb5-82a9-d1a354436f8c |
| SCIP notification number (Hungary) | f8f5a668-40a0-464c-b631-0b54aaa609d9 |
| SCIP notification number (Italy) | 3e3ff0a4-e76c-467a-a261-16166081f0f4 |
| SCIP notification number (Netherlands) | 610f023d-547b-4525-a177-7f59d1b13f66 |
| SCIP notification number (Poland) | 03c368e7-1dea-4f72-9fd1-9476580f0177 |
| SCIP notification number (Romania) | 37a892a9-87c6-421a-9519-f669f4cd6102 |
| SCIP notification number (Sweden) | 88ce2c4e-8c0c-411c-a562-f03f7e9471cd |

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---|------------------------|---------------------|
| EAC GZO Almaty Standart | TP TC 020/2011 | EAC CoC 03083 |
| 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

| 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 |
|---|---------------------------------|-------------------|
| 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 |
| NK Nippon Kaiji Kyokai | Guidel. Perform. Type Approvals | TA25276M |
| PRS Polski Rejestr Statków | - | TE/1101/880590/23 |
| RINA RINA Germany GmbH | - | ELE343521XG001 |

Approvals for hazardous areas



| Approval | Standard | Certificate Name |
|--|------------------------------|--|
| ATEX TUEV Nord Cert GmbH | EN 60079-0 | TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc) |
| CCCEX CQST/CNEX | CNCA-C23-01 | 2020312310000213 (Ex ec IIC T4 Gc) |
| 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 | TÜV 12.1297 X |
| KTL Korea Testing Laboratory | KOSHA Article 34, IEC60079-0 | 21-KA4BO-0557X |
| UKEx WAGO GmbH & Co. KG | EN 60079-0 | UKCA_WA GO22UKEX003X_ec |
| UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | UL 121201 | E198726 |

Downloads

Environmental Product Compliance

| | |
|---|-------------------|
| Compliance Search | |
| Environmental Product Compliance 750-8212 | ↓ |

Documentation

| | | | |
|--|---|--------------------|-------------------|
| Manual | | | |
| WAGO Solution Builder ↓ | | | |
| Function Manual for PFC100 2nd Generation, PFC200 2nd Generation and PFC300 | 3621366155 3 en-US 2025-09-03 10:38 12.09.2025 | pdf 2395.02 KB | ↓ |
| Cyber Security for Controller PFC100 / PFC200 | V 1.2.1 12.02.2025 | pdf 3344.50 KB | ↓ |
| Product Manual PFC200 G2 2ETH RS | 2100861323 2 en-US 8/6/2024 10:00 07.08.2024 | pdf 3099.43 KB | ↓ |
| System Manual Series 750/753 ↓ | | | |
| Product Manual OPC UA Mapping Editor | V 1.1.0 11.03.2022 | pdf 3314.23 KB | ↓ |
| OPC-UA Mapping Editor ↓ | | | |
| Product Manual WAGO MODBUS Master Configurator | V 1.1.0 | pdf 1761.59 KB | ↓ |
| Product Manual Documentation WAGO Solution Builder | 936373771 13 en-US 2025-07-07 14:41 10.07.2025 | pdf 10481.70 KB | ↓ |
| Migration Guide | 2023631499 8 en-US 2025-01-22 17:30 28.01.2025 | pdf 4851.82 KB | ↓ |
| Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5 ↓ | | | |

| | | | |
|----------------------------------|-----------------------|------------------|-------------------|
| Compatibility Information | | | |
| Compatibility List DALI Sensors | V 1.2.4 19.02.2025 | pdf 516.91 KB | ↓ |

| | | | |
|--|--|------------------|-------------------|
| System Description | | | |
| Overview on WAGO-I/O-SYSTEM 750 approvals | | pdf 770.48 KB | ↓ |
| Controller PFC100/200, General Product Information | | pdf 578.66 KB | ↓ |

| | | | |
|--|-------------------|--------------------|-------------------|
| Tutorial | | | |
| Establish connection to a controller using SSH | 1.0 05.08.2017 | mp4 28368.02 KB | ↓ |
| Set IP address with Ethernet Settings | 3.0 18.12.2017 | mp4 86272.82 KB | ↓ |
| Installation Tutorial Application Controller | | mp4 29848.12 KB | ↓ |

| Additional Information | | | |
|---|-----------------------|-------------------|-------------------|
| Wiring-Instructions | 2.1.0 28.07.2022 | pdf 2541.41 KB | ↓ |
| Drawing Lighting Management maximum expansion | 19.06.2018 | pdf 1168.50 KB | ↓ |
| Drawing Lighting Management minimum expansion | 19.06.2018 | pdf 464.61 KB | ↓ |
| WAGO OPC UA Server | V 1.1.0 28.01.2021 | pdf 1132.87 KB | ↓ |

| Instruction Leaflet | | | |
|---------------------------------|------------|------------------|-------------------|
| CCC Ex (Additional information) | 26.04.2023 | pdf 159.76 KB | ↓ |

| Bid Text | | | |
|---------------------------------|------------|------------------|-------------------|
| Tender text Lighting Management | | doc 78.50 KB | ↓ |
| 750-8212 | 19.02.2019 | xml 9.88 KB | ↓ |
| 750-8212 | 21.11.2018 | docx 21.85 KB | ↓ |
| ausschreiben.de 750-8212 | | | ↓ |

| Application Notes | | | |
|--|--------------------------|-------------------------------------|-------------------|
| Application Note CoDeSys 2.3 | | Application Note CoDeSys 2.3 | |
| Application note for installing a MySQL-Server on a PFC-Controller | 1.0.4 16.05.2019 | zip 4392.22 KB | ↓ |
| Application note Cloud Connectivity | 2019-09-17 17.09.2019 | zip 3973.74 KB | ↓ |
| HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120) | 1.0.0 22.03.2019 | pdf 3798.36 KB | ↓ |
| Erreichen der Linuxkonsole des PFC200 (a100701) | 1.0.0 29.08.2016 | zip 509.13 KB | ↓ |
| Using the web visualization with Java™ runtime environment (JRE, JVM) 7 update 51 (7u51) (a500690) | 1.2.4 26.02.2019 | zip 4896.43 KB | ↓ |
| Application Note PowerMeasurement_03 Library | 19.01.2011 19.03.2012 | zip 932.08 KB | ↓ |
| Application Note: DMX_02 | 26.04.2017 26.04.2017 | zip 733.43 KB | ↓ |
| HVAC System Macros | 10.03.2017 15.03.2019 | zip 13252.92 KB | ↓ |
| Application Note: Mp-Bus_03 Library | 2020-08-14 14.08.2020 | zip 513.66 KB | ↓ |
| 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 | 1.1 07.07.2017 | zip 762.78 KB | ↓ |
| Application Note Scheduler_03.lib | 20.05.2011 20.05.2011 | zip 1717.92 KB | ↓ |
| | | 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 | 1.0.2 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 Icus robotlink | 12.11.2015 12.11.2015 | zip 1281.38 KB | ↓ |



| 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 | ↓ |
| eCOCKPIT application note installation MySQL-Server | 1.0.3 09.09.2019 | pdf 1868.46 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 | ↓ |
| CODESYS 3 Application Note WagoAppCloud | 2022-11-04 04.11.2022 | zip 2678.52 KB | ↓ |
| HART Tool Routing via ETHERNET with 750-820x and e!RUNTIME (a116130) | 1.0.0 22.03.2019 | pdf 2867.01 KB | ↓ |
| e!COCKPIT Application Note Mototix | 1.0.1 17.01.2022 | pdf 2186.52 KB | ↓ |
| SNMP Communication (a500850) | 1.1.0 20.02.2020 | zip 3743.05 KB | ↓ |
| e!COCKPIT Application Note WagoSolEAP (a2019006) | 2021-11-08 06.12.2021 | pdf 659.32 KB | ↓ |
| e!COCKPIT Application Note WagoAppOLink (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 | ↓ |

| Application Note e!COCKPIT | | | |
|--|--------------------------|--------------------|-------------------|
| e!COCKPIT Application Note BACnet PFC | 1.0.0 06.12.2021 | pdf 3323.56 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 WagoAppSoleno-id | 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 | | CAE data | |
|--------------------------|-------------------|-------------------------------|-------------------|
| 2D/3D Models 750-8212 | ↓ | EPLAN Data Portal 750-8212 | ↓ |
| | | ZUKEN Portal 750-8212 | ↓ |

Engineering-Software

| Configuration and Commissioning Software | | | |
|--|---------------------------|---------------------|-------------------|
| CODESYS V3.5 | | png 315.13 KB | ↓ |
| 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 | ↓ |
| (759-316) WAGO Ether- net 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 Kar- te) PFC100/200 für Co- desys V2.3 u. Elcockpit | V 22 SP1 12.12.2022 | zip 205815.20 KB | ↓ |
| PFC200, Firmware Up- date für CoDeSys V3.5 | V 23 24.02.2023 | zip 167985.38 KB | ↓ |
| WUP Update (WAGOu- ploadTool) PFC100/200 Codesys V2.3 u. E! cockpit | V 22 SP1 12.12.2022 | zip 203580.70 KB | ↓ |

Device Files

| Device Driver | | | |
|--------------------------------------|------------|----------------|-------------------|
| KNX Interface Lighting Management | 29.01.2018 | zip 2.03 KB | ↓ |

Libraries

| Plugin | | Library | | |
|--|-----------------------|--|---------------------|--|
| WAGO KNX DCA (Devi- ce Control App) | 1.1.0.0 11.03.2025 | zip 5472.88 KB | | ↓ |
| | | Anbindung von RFID- Transpondern Fa. SICK RFU6xx | txt 0.00 KB | ↓ |
| | | 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 ↓ |

| Library | | | |
|------------------------------|---------------------|-----|-----------|
| 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 Product Expansions

1.1.1 Runtime software

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

1.2 Optional Accessories

1.2.1 Cables and connectors

1.2.1.1 Connector plug

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

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; slotted; 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

1.2.4.2 Marker



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; diameter 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; diameter 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; diameter 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 compatible conductor

1.2.7 Software

1.2.7.1 Runtime software



Item No.: [2759-244/210-1000](#)

Runtime; Room Automation; Macro; Single License

1.2.7.2 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 License; 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); WxHxD (164x100x164 mm); 9 x M12, 4 x M20



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