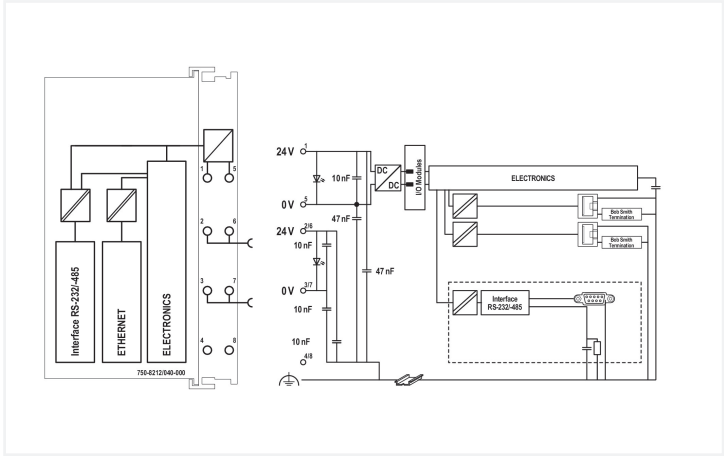


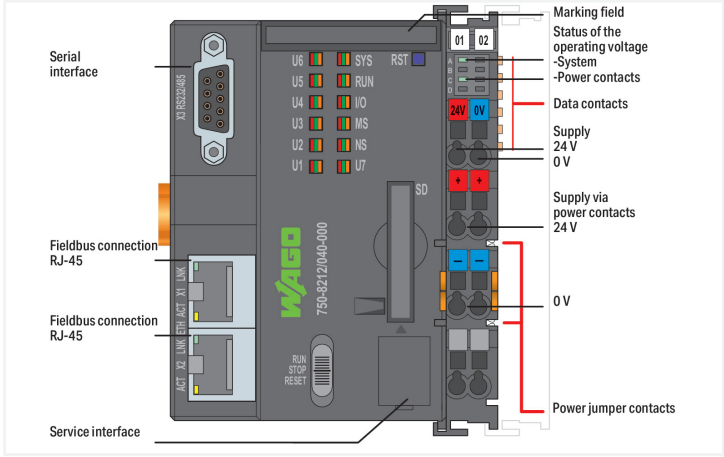


Color: ■ dark gray



PFC200 I/O Communication Options Overview

Module	Protocol	Address	Power	IO	DI	DO	AI	AO	RS-232	RS-485	ETHERNET	SD	Service
PFC200-000	PLC	1	24V	16	16	16	16	16	1	1	2	1	1
PFC200-001	PLC	2	24V	16	16	16	16	16	1	1	2	1	1
PFC200-002	PLC	3	24V	16	16	16	16	16	1	1	2	1	1
PFC200-003	PLC	4	24V	16	16	16	16	16	1	1	2	1	1
PFC200-004	PLC	5	24V	16	16	16	16	16	1	1	2	1	1
PFC200-005	PLC	6	24V	16	16	16	16	16	1	1	2	1	1
PFC200-006	PLC	7	24V	16	16	16	16	16	1	1	2	1	1
PFC200-007	PLC	8	24V	16	16	16	16	16	1	1	2	1	1
PFC200-008	PLC	9	24V	16	16	16	16	16	1	1	2	1	1
PFC200-009	PLC	10	24V	16	16	16	16	16	1	1	2	1	1
PFC200-010	PLC	11	24V	16	16	16	16	16	1	1	2	1	1
PFC200-011	PLC	12	24V	16	16	16	16	16	1	1	2	1	1
PFC200-012	PLC	13	24V	16	16	16	16	16	1	1	2	1	1
PFC200-013	PLC	14	24V	16	16	16	16	16	1	1	2	1	1
PFC200-014	PLC	15	24V	16	16	16	16	16	1	1	2	1	1
PFC200-015	PLC	16	24V	16	16	16	16	16	1	1	2	1	1
PFC200-016	PLC	17	24V	16	16	16	16	16	1	1	2	1	1
PFC200-017	PLC	18	24V	16	16	16	16	16	1	1	2	1	1
PFC200-018	PLC	19	24V	16	16	16	16	16	1	1	2	1	1
PFC200-019	PLC	20	24V	16	16	16	16	16	1	1	2	1	1
PFC200-020	PLC	21	24V	16	16	16	16	16	1	1	2	1	1
PFC200-021	PLC	22	24V	16	16	16	16	16	1	1	2	1	1
PFC200-022	PLC	23	24V	16	16	16	16	16	1	1	2	1	1
PFC200-023	PLC	24	24V	16	16	16	16	16	1	1	2	1	1
PFC200-024	PLC	25	24V	16	16	16	16	16	1	1	2	1	1
PFC200-025	PLC	26	24V	16	16	16	16	16	1	1	2	1	1
PFC200-026	PLC	27	24V	16	16	16	16	16	1	1	2	1	1
PFC200-027	PLC	28	24V	16	16	16	16	16	1	1	2	1	1
PFC200-028	PLC	29	24V	16	16	16	16	16	1	1	2	1	1
PFC200-029	PLC	30	24V	16	16	16	16	16	1	1	2	1	1
PFC200-030	PLC	31	24V	16	16	16	16	16	1	1	2	1	1
PFC200-031	PLC	32	24V	16	16	16	16	16	1	1	2	1	1
PFC200-032	PLC	33	24V	16	16	16	16	16	1	1	2	1	1
PFC200-033	PLC	34	24V	16	16	16	16	16	1	1	2	1	1
PFC200-034	PLC	35	24V	16	16	16	16	16	1	1	2	1	1
PFC200-035	PLC	36	24V	16	16	16	16	16	1	1	2	1	1
PFC200-036	PLC	37	24V	16	16	16	16	16	1	1	2	1	1
PFC200-037	PLC	38	24V	16	16	16	16	16	1	1	2	1	1
PFC200-038	PLC	39	24V	16	16	16	16	16	1	1	2	1	1
PFC200-039	PLC	40	24V	16	16	16	16	16	1	1	2	1	1
PFC200-040	PLC	41	24V	16	16	16	16	16	1	1	2	1	1
PFC200-041	PLC	42	24V	16	16	16	16	16	1	1	2	1	1
PFC200-042	PLC	43	24V	16	16	16	16	16	1	1	2	1	1
PFC200-043	PLC	44	24V	16	16	16	16	16	1	1	2	1	1
PFC200-044	PLC	45	24V	16	16	16	16	16	1	1	2	1	1
PFC200-045	PLC	46	24V	16	16	16	16	16	1	1	2	1	1
PFC200-046	PLC	47	24V	16	16	16	16	16	1	1	2	1	1
PFC200-047	PLC	48	24V	16	16	16	16	16	1	1	2	1	1
PFC200-048	PLC	49	24V	16	16	16	16	16	1	1	2	1	1
PFC200-049	PLC	50	24V	16	16	16	16	16	1	1	2	1	1
PFC200-050	PLC	51	24V	16	16	16	16	16	1	1	2	1	1
PFC200-051	PLC	52	24V	16	16	16	16	16	1	1	2	1	1
PFC200-052	PLC	53	24V	16	16	16	16	16	1	1	2	1	1
PFC200-053	PLC	54	24V	16	16	16	16	16	1	1	2	1	1
PFC200-054	PLC	55	24V	16	16	16	16	16	1	1	2	1	1
PFC200-055	PLC	56	24V	16	16	16	16	16	1	1	2	1	1
PFC200-056	PLC	57	24V	16	16	16	16	16	1	1	2	1	1
PFC200-057	PLC	58	24V	16	16	16	16	16	1	1	2	1	1
PFC200-058	PLC	59	24V	16	16	16	16	16	1	1	2	1	1
PFC200-059	PLC	60	24V	16	16	16	16	16	1	1	2	1	1
PFC200-060	PLC	61	24V	16	16	16	16	16	1	1	2	1	1
PFC200-061	PLC	62	24V	16	16	16	16	16	1	1	2	1	1
PFC200-062	PLC	63	24V	16	16	16	16	16	1	1	2	1	1
PFC200-063	PLC	64	24V	16	16	16	16	16	1	1	2	1	1
PFC200-064	PLC	65	24V	16	16	16	16	16	1	1	2	1	1
PFC200-065	PLC	66	24V	16	16	16	16	16	1	1	2	1	1
PFC200-066	PLC	67	24V	16	16	16	16	16	1	1	2	1	1
PFC200-067	PLC	68	24V	16	16	16	16	16	1	1	2	1	1
PFC200-068	PLC	69	24V	16	16	16	16	16	1	1	2	1	1
PFC200-069	PLC	70	24V	16	16	16	16	16	1	1	2	1	1
PFC200-070	PLC	71	24V	16	16	16	16	16	1	1	2	1	1
PFC200-071	PLC	72	24V	16	16	16	16	16	1	1	2	1	1
PFC200-072	PLC	73	24V	16	16	16	16	16	1	1	2	1	1
PFC200-073	PLC	74	24V	16	16	16	16	16	1	1	2	1	1
PFC200-074	PLC	75	24V	16	16	16	16	16	1	1	2	1	1
PFC200-075	PLC	76	24V	16	16	16	16	16	1	1	2	1	1
PFC200-076	PLC	77	24V	16	16	16	16	16	1	1	2	1	1
PFC200-077	PLC	78	24V	16	16	16	16	16	1	1	2	1	1
PFC200-078	PLC	79	24V	16	16	16	16	16	1	1	2	1	1
PFC200-079	PLC	80	24V	16	16	16	16	16	1	1	2	1	1
PFC200-080	PLC	81	24V	16	16	16	16	16	1	1	2	1	1
PFC200-081	PLC	82	24V	16	16	16	16	16	1	1	2	1	1
PFC200-082	PLC	83	24V	16	16	16	16	16	1	1	2	1	1
PFC200-083	PLC	84	24V	16	16	16	16	16	1	1	2	1	1
PFC200-084	PLC	85	24V	16	16	16	16	16	1	1	2	1	1
PFC200-085	PLC	86	24V	16	16	16	16	16	1	1	2	1	1
PFC200-086	PLC	87	24V	16	16	16	16	16	1	1	2	1	1
PFC200-087	PLC	88	24V	16	16	16	16	16	1	1	2	1	1
PFC200-088	PLC	89	24V	16	16	16	16	16	1	1	2	1	1
PFC200-089	PLC	90	24V	16	16	16	16	16	1	1	2	1	1
PFC200-090	PLC	91	24V	16	16	16	16	16	1	1	2	1	1
PFC200-091	PLC	92	24V	16	16	16	16	16	1	1	2	1	1
PFC200-092	PLC	93	24V	16	16	16	16	16	1	1	2	1	1
PFC200-093	PLC	94	24V	16	16	16	16	16	1	1	2	1	1
PFC200-094	PLC	95	24V	16	16	16	16	16	1	1	2	1	1
PFC200-095	PLC	96	24V	16	16	16	16	16	1	1	2	1	1
PFC200-096	PLC	97	24V	16	16	16	16	16	1	1	2	1	1
PFC200-097	PLC	98	24V	16	16	16	16	16	1	1	2	1	1
PFC200-098	PLC	99	24V	16	16	16	16	16	1	1	2	1	1
PFC200-099	PLC	100	24V	16	16	16	16	16	1	1	2	1	1



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 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.25 ... 2.5 mm ² / 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	2.063 MJ
Weight	212.7 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)



Environmental requirements	
Vibration resistance	According to type test for marine classification (ABS, BV, DNV, IACS, LR): acceleration: 5g, IEC 60068-2-6, EN 60870-2-2, IEC 60721-3-1, -3, EN 50155, EN 61373
Shock resistance	per IEC 60068-2-27 (10g/16 ms/half-sine/1,000 shocks; 25g/6 ms/half-sine/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 10.0	EC000236
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	fd31b7f9-3a45-43a4-b763-d43ebea9a148
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
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
		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
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

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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 ETHERNET, RS-232/-485	V 1.0.0 23.02.2022	pdf 7778.69 KB	↓



Bid Text		
750-8212/040-000	docx 32.57 KB	↓
750-8212/040-000	xml 11.58 KB	↓

Instruction Leaflet			
CCC Ex (Additional information)	26.04.2023	pdf 144.58 KB	↓

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		↓
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 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		↓
Application Note e!COCKPIT				
e!COCKPIT Application Note WagoAppPower-Measurement	2021-11-08 06.12.2021	pdf 930.71 KB		↓
e!COCKPIT Application Note WagoSysDynamicIoMapping (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 Wetztersensoren (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		↓



Application note, other			
Application Note WAG- Oupload Packages (a2020007)	1.0.3 19.07.2024	zip 94031.91 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	
(759-316) WAGO Ether- net Settings / Serie 750	06.18.01.01 02.09.2021	zip 26678.54 KB	
WAGUpload	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 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. Elcock- pit	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; On- line 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 Li- cense; 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 Li- cense; 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.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-114
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.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; 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
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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
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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 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; On-line activation



Item No.: 2759-2015/261-1000
Application Grid Gateway; Operator; 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; On-line 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); Wx-HxD (160x100x160 mm); 9 x M12, 4 x M20



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



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



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



Item No.: 850-826/002-000
IP65 enclosure; Aluminium (RAL 7035); Wx-HxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip



Item No.: 850-827/002-000
IP65 enclosure; Aluminium (RAL 7035); Wx-HxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip



Item No.: 850-828/002-000
IP65 enclosure; Aluminium (RAL 7035); Wx-HxD (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



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



Item No.: 850-836
IP65 enclosure; Polyester (RAL 7032); Wx-HxD (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); Wx-HxD (200x120x200 mm); without flange plate



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



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



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

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

Current addresses can be found at: www.wago.com