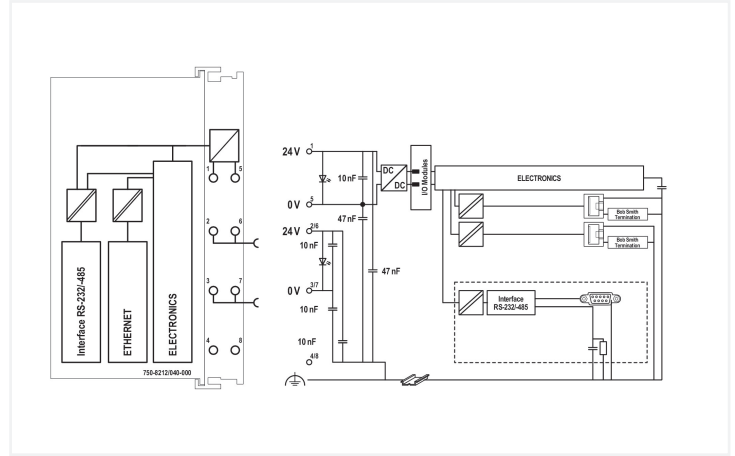
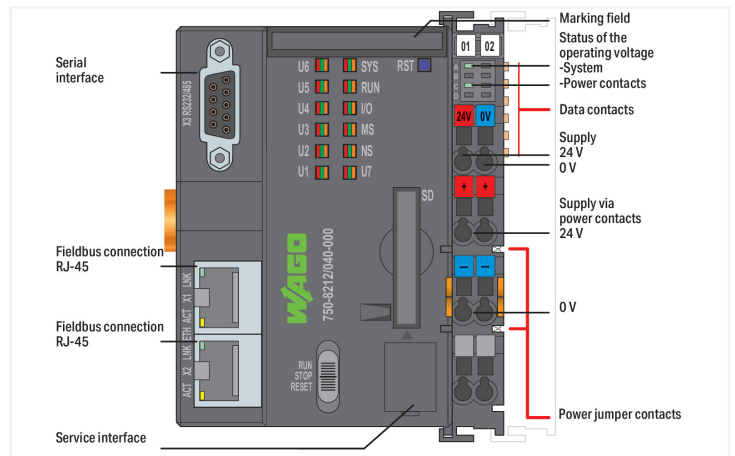




Color: ■ dark gray



		Standard				Optional extensions										Signature	Release																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		ISO 15724	ISO 15725	ISO 15726	ISO 15727	ISO 15728	ISO 15729	ISO 15730	ISO 15731	ISO 15732	ISO 15733	ISO 15734	ISO 15735	ISO 15736	ISO 15737	ISO 15738	ISO 15739	ISO 15740	ISO 15741	ISO 15742	ISO 15743	ISO 15744	ISO 15745	ISO 15746	ISO 15747	ISO 15748	ISO 15749	ISO 15750	ISO 15751	ISO 15752	ISO 15753	ISO 15754	ISO 15755	ISO 15756	ISO 15757	ISO 15758	ISO 15759	ISO 15760	ISO 15761	ISO 15762	ISO 15763	ISO 15764	ISO 15765	ISO 15766	ISO 15767	ISO 15768	ISO 15769	ISO 15770	ISO 15771	ISO 15772	ISO 15773	ISO 15774	ISO 15775	ISO 15776	ISO 15777	ISO 15778	ISO 15779	ISO 15780	ISO 15781	ISO 15782	ISO 15783	ISO 15784	ISO 15785	ISO 15786	ISO 15787	ISO 15788	ISO 15789	ISO 15790	ISO 15791	ISO 15792	ISO 15793	ISO 15794	ISO 15795	ISO 15796	ISO 15797	ISO 15798	ISO 15799	ISO 15800	ISO 15801	ISO 15802	ISO 15803	ISO 15804	ISO 15805	ISO 15806	ISO 15807	ISO 15808	ISO 15809	ISO 15810	ISO 15811	ISO 15812	ISO 15813	ISO 15814	ISO 15815	ISO 15816	ISO 15817	ISO 15818	ISO 15819	ISO 15820	ISO 15821	ISO 15822	ISO 15823	ISO 15824	ISO 15825	ISO 15826	ISO 15827	ISO 15828	ISO 15829	ISO 15830	ISO 15831	ISO 15832	ISO 15833	ISO 15834	ISO 15835	ISO 15836	ISO 15837	ISO 15838	ISO 15839	ISO 15840	ISO 15841	ISO 15842	ISO 15843	ISO 15844	ISO 15845	ISO 15846	ISO 15847	ISO 15848	ISO 15849	ISO 15850	ISO 15851	ISO 15852	ISO 15853	ISO 15854	ISO 15855	ISO 15856	ISO 15857	ISO 15858	ISO 15859	ISO 15860	ISO 15861	ISO 15862	ISO 15863	ISO 15864	ISO 15865	ISO 15866	ISO 15867	ISO 15868	ISO 15869	ISO 15870	ISO 15871	ISO 15872	ISO 15873	ISO 15874	ISO 15875	ISO 15876	ISO 15877	ISO 15878	ISO 15879	ISO 15880	ISO 15881	ISO 15882	ISO 15883	ISO 15884	ISO 15885	ISO 15886	ISO 15887	ISO 15888	ISO 15889	ISO 15890	ISO 15891	ISO 15892	ISO 15893	ISO 15894	ISO 15895	ISO 15896	ISO 15897	ISO 15898	ISO 15899	ISO 15900	ISO 15901	ISO 15902	ISO 15903	ISO 15904	ISO 15905	ISO 15906	ISO 15907	ISO 15908	ISO 15909	ISO 15910	ISO 15911	ISO 15912	ISO 15913	ISO 15914	ISO 15915	ISO 15916	ISO 15917	ISO 15918	ISO 15919	ISO 15920	ISO 15921	ISO 15922	ISO 15923	ISO 15924	ISO 15925	ISO 15926	ISO 15927	ISO 15928	ISO 15929	ISO 15930	ISO 15931	ISO 15932	ISO 15933	ISO 15934	ISO 15935	ISO 15936	ISO 15937	ISO 15938	ISO 15939	ISO 15940	ISO 15941	ISO 15942	ISO 15943	ISO 15944	ISO 15945	ISO 15946	ISO 15947	ISO 15948	ISO 15949	ISO 15950	ISO 15951	ISO 15952	ISO 15953	ISO 15954	ISO 15955	ISO 15956	ISO 15957	ISO 15958	ISO 15959	ISO 15960	ISO 15961	ISO 15962	ISO 15963	ISO 15964	ISO 15965	ISO 15966	ISO 15967	ISO 15968	ISO 15969	ISO 15970	ISO 15971	ISO 15972	ISO 15973	ISO 15974	ISO 15975	ISO 15976	ISO 15977	ISO 15978	ISO 15979	ISO 15980	ISO 15981	ISO 15982	ISO 15983	ISO 15984	ISO 15985	ISO 15986	ISO 15987	ISO 15988	ISO 15989	ISO 15990	ISO 15991	ISO 15992	ISO 15993	ISO 15994	ISO 15995	ISO 15996	ISO 15997	ISO 15998	ISO 15999	ISO 16000	ISO 16001	ISO 16002	ISO 16003	ISO 16004	ISO 16005	ISO 16006	ISO 16007	ISO 16008	ISO 16009	ISO 16010	ISO 16011	ISO 16012	ISO 16013	ISO 16014	ISO 16015	ISO 16016	ISO 16017	ISO 16018	ISO 16019	ISO 16020	ISO 16021	ISO 16022	ISO 16023	ISO 16024	ISO 16025	ISO 16026	ISO 16027	ISO 16028	ISO 16029	ISO 16030	ISO 16031																																																																																																																																																																																																																																																																																																																																																																																						
PC200 XTR	Standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



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 (depending on the application, a filter module may be needed; see the XTR System Manual)
- 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
Corrosion Resistance	Conformal Coating: yes EN/IEC 60068-2-60: Method 4 ISA 571.04: G3 Group A
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

Data Act	
Pre-contractual Information	Data-Act-750-Series-Controller

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-d43e9a9a148
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	

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			
openVPN with Linux based Devices (a500880)	1.1.1 04.08.2016	zip 31176.17 KB	
Application Note WAG- Oupload Packages (a2020007)	1.0.3 19.07.2024	zip 94031.91 KB	
Application Note WAGO Visualization Datalogger (a2022005)	20260622 29.06.2026	zip 5091.71 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



1.1.1 Runtime software



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; an-
gled; Code T568A; AWG 22; Strain relief



Item No.: 750-979/000-021
Connector ETHERNET; RJ-45; Cat. 6A; an-
gled; Code T568A; AWG 24; Strain relief



Item No.: 750-979/000-012
Connector ETHERNET; RJ-45; Cat. 6A; an-
gled; Code T568B; AWG 22; Strain relief



Item No.: 750-979/000-022
Connector ETHERNET; RJ-45; Cat. 6A; an-
gled; 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; ETHER-
NET 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; sil-
ver-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

1.2.5 Memory card

1.2.5.1 Memory card

Item No.: 758-879/000-2116
Memory Card SD; pSLC-NAND; 16 GB; Temperature range: -40 to 85°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 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.: 2759-2015/261-1000

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; 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); 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

