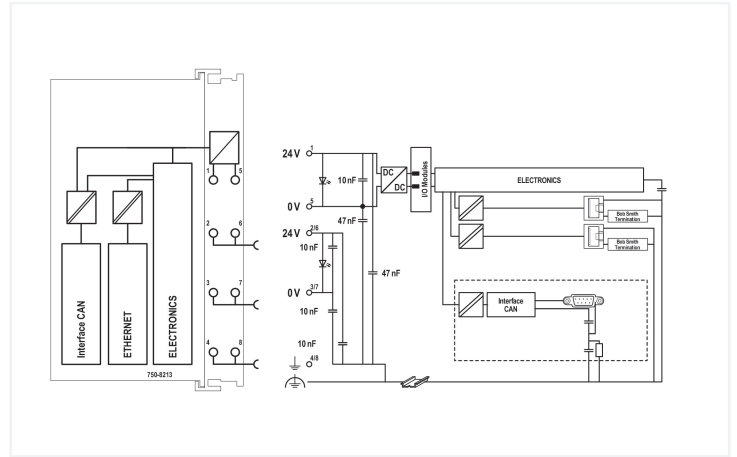


**Data Sheet | Item Number: 750-8213**  
**Controller PFC200; 2nd Generation; 2 x ETHERNET, CAN, CANopen**

<https://www.wago.com/750-8213>

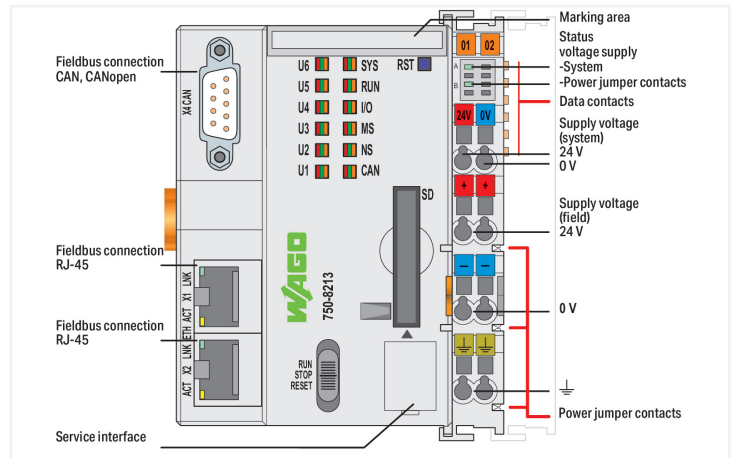


Color: ■ light gray



PFC200 Communication Options Overview

Option	Part Number	Function	Notes	See Reference
1	750-8213	Standard	Standard configuration	750-8213
2	750-8213-001	1x CANopen	1x CANopen interface	750-8213-001
3	750-8213-002	2x Ethernet	2x Ethernet interfaces	750-8213-002
4	750-8213-003	1x CANopen, 1x Ethernet	1x CANopen and 1x Ethernet interface	750-8213-003
5	750-8213-004	2x CANopen, 1x Ethernet	2x CANopen and 1x Ethernet interface	750-8213-004
6	750-8213-005	1x CANopen, 2x Ethernet	1x CANopen and 2x Ethernet interfaces	750-8213-005
7	750-8213-006	2x CANopen, 2x Ethernet	2x CANopen and 2x Ethernet interfaces	750-8213-006
8	750-8213-007	1x CANopen, 1x Ethernet, 1x RS-485	1x CANopen, 1x Ethernet, and 1x RS-485 interface	750-8213-007
9	750-8213-008	2x CANopen, 1x Ethernet, 1x RS-485	2x CANopen, 1x Ethernet, and 1x RS-485 interface	750-8213-008
10	750-8213-009	1x CANopen, 2x Ethernet, 1x RS-485	1x CANopen, 2x Ethernet, and 1x RS-485 interface	750-8213-009
11	750-8213-010	2x CANopen, 2x Ethernet, 1x RS-485	2x CANopen, 2x Ethernet, and 1x RS-485 interface	750-8213-010



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), CAN, CANopen
- Linux operating system with RT-Preempt patch
- Configuration via CODESYS, **e!COCKPIT** or Web-Based Management user interface
- Maintenance-free

Technical data	
Communication	CANopen Modbus TCP master/slave Modbus (UDP), 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 BACnet/IP, <b>requires an additional license</b> Telecontrol protocols, <b>requires an additional license</b>

## 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 RT-Preempt 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 <b>e!</b> 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 <b>e!</b> COCKPIT WAGO-I/O-CHECK Web-Based Management <b>e!</b> 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; 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 128 KB
Type of memory card	SD and SDHC up to 32 GB (all guaranteed properties only valid with the WAGO 758-879/000-001 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
Input and output process image (CAN) max.	2000 words/2000 words
Indicators	LED (SYS, RUN, I/O, CAN, U1 ... U6) red/green/orange: Status system, program, internal data bus, CANopen, status programmable by user (can be used via CODESYS library); LED (A, B) green: Status 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	CANopen: 1 x D-sub 9 plug; Modbus (TCP, UDP): 2 x RJ-45
Connection technology: system supply	2 x CAGE CLAMP®
Connection technology: field supply	6 x CAGE CLAMP®
Connection type 1	System/field supply
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 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

Weight	211.3 g
Color	light gray
Housing material	Polycarbonate; polyamide 6.6
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.)
Relative humidity (without condensation)	95 %
Mounting position	any
Mounting type	DIN-35 rail
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
Fire load	2.551 MJ
Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %	25 ppm

### Commercial data

eCl@ss 10.0	27-24-26-07
eCl@ss 9.0	27-24-26-07
ETIM 8.0	EC000236
ETIM 7.0	EC000236
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143759687
Customs tariff number	85371091990

**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)	32def1f8-85fd-4b3d-9c39-4b58f1c09f3f
SCIP notification number (Belgium)	cd810f7e-2b83-4994-8c31-f55ec53b07f2
SCIP notification number (Bulgaria)	88277e88-ed58-4366-8454-4bc7ca384ab3
SCIP notification number (Czech Republic)	5fb2684c-e802-4468-b122-1a7007f03e61
SCIP notification number (Denmark)	8c97ef77-7778-4ea5-954a-7326c1877d57
SCIP notification number (Finland)	02e4ccfe-4335-4939-afb4-765d962f1161
SCIP notification number (France)	b36345a4-ae5-4928-9a28-e6e1d5bfe0ad
SCIP notification number (Germany)	5954cd90-40c9-4710-85d9-452a5666c276
SCIP notification number (Hungary)	05e9c781-a57e-47d9-974c-5e5114640205
SCIP notification number (Italy)	b3aca67c-1fcf-461b-9fdb-ee777443710d
SCIP notification number (Netherlands)	d8bde5c9-6e43-427a-a972-95204102c388
SCIP notification number (Poland)	693e39b7-f81e-444f-869a-41e7b76baf97
SCIP notification number (Romania)	89c152f5-6b95-4cc7-b3d4-150a9602218c
SCIP notification number (Sweden)	bf1dcd42-670b-49ac-a454-0b98ffb60673

**Approvals / Certificates**

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-PFC750			
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	-	E175199			

**Approvals for marine applications**

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	22-2219060

**Approvals for marine applications**

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

Approvals for marine applications		
LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/2236/880590/19
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)
EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02. B.00163/19 (2Ex e IIC T4 Gc X)
IECEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)
INMETRO TUV Rheinland do Brasil Ltda.	IEC 60079-0	BR-Ex_TUV 12.1297 X
UKEx WAGO GmbH & Co. KG	EN 60079-0	UKCA_WA GO22UKEX003X_ec
UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 750-8213	<a href="#">↓</a>

## Documentation

Manual			
Cyber Security for Controller PFC100 / PFC200	V 1.2.0	pdf 8128.80 KB	<a href="#">↓</a>
Product Manual PFC200 G2 2ETH CAN	1.12.0 / FW 25 23.06.2023	pdf 4683.77 KB	<a href="#">↓</a>
System Manual WAGO I/O System 750/753	V 3.3.3 29.08.2023	pdf 8512.61 KB	<a href="#">↓</a>
System Manual Series 750/753 <a href="#">↓</a>			
Product Manual OPC UA Mapping Editor	V 1.1.0 11.03.2022	pdf 3314.23 KB	<a href="#">↓</a>
OPC_UA Mapping Editor <a href="#">↓</a>			
Product Manual WAGO MODBUS Master Configurator	V 1.1.0	pdf 1761.59 KB	<a href="#">↓</a>
Migration Guide	V 1.3.0 03.07.2023	pdf 4938.74 KB	<a href="#">↓</a>
Migrationsleitfaden von e!COCKPIT-Projekten zu CODESYS V3.5 <a href="#">↓</a>			

System Description	
Overview on WAGO-I/O-SYSTEM 750 approvals	pdf 770.48 KB <a href="#">↓</a>
Controller PFC100/200, General Product Information	pdf 578.66 KB <a href="#">↓</a>

Tutorial			
Establish connection to a controller using SSH	1.0 05.08.2017	mp4 28368.02 KB	<a href="#">↓</a>
Set IP address with Ethernet Settings	3.0 18.12.2017	mp4 86272.82 KB	<a href="#">↓</a>

Additional Information			
WAGO OPC UA Server	V 1.1.0 28.01.2021	pdf 1132.87 KB	<a href="#">↓</a>

Bid Text			
750-8213	23.01.2019	docx 22.14 KB	<a href="#">↓</a>

Instruction Leaflet			
CCC Ex (Additional information)	26.04.2023	pdf 159.76 KB	<a href="#">↓</a>

## Application Notes

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	<a href="#">↓</a>
Application note Cloud Connectivity	2019-09-17 17.09.2019	zip 3973.74 KB	<a href="#">↓</a>
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	<a href="#">↓</a>
HART Tool Routing via PROFIBUS with 750-833 and 750-333 (a116140)	1.0.0 22.03.2019	pdf 5214.96 KB	<a href="#">↓</a>
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	<a href="#">↓</a>
Application Note PowerMeasurement_03 Library	19.01.2011 19.03.2012	zip 932.08 KB	<a href="#">↓</a>
Application Note: DMX_02	26.04.2017 26.04.2017	zip 733.43 KB	<a href="#">↓</a>
HVAC System Macros	10.03.2017 15.03.2019	zip 13252.92 KB	<a href="#">↓</a>
Application Note: Mp-Bus_03 Library	2020-08-14 14.08.2020	zip 513.66 KB	<a href="#">↓</a>
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	<a href="#">↓</a>
Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus	1.1 07.07.2017	zip 762.78 KB	<a href="#">↓</a>
Application Note Scheduler_03.lib	20.05.2011 20.05.2011	zip 1717.92 KB	<a href="#">↓</a>
Application Note Connecting with an iPod Touch	30.03.2011 28.10.2011	zip 428.79 KB	<a href="#">↓</a>
GRUNDFOS GENibus interface, application note	20.03.2017 20.03.2017	zip 279.86 KB	<a href="#">↓</a>
Connection of Thermokon Multi-function room control units WRF 08	10.04.2019 10.04.2019	zip 855.84 KB	<a href="#">↓</a>

Application Note CoDeSys 2.3			
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	<a href="#">↓</a>
Connection of Thermokon Multi-function room control units WRF 06	10.04.2019 08.04.2016	zip 826.10 KB	<a href="#">↓</a>
Application Note for the 750-494 3-Phase Power Measurement Module	24.01.2014 11.11.2014	zip 1629.99 KB	<a href="#">↓</a>
Application Note: EnOcean_06 Library	30.11.2016 30.11.2016	zip 822.25 KB	<a href="#">↓</a>
Application Note for the 750-495 3-Phase Power Measurement Module	24.01.2014 24.01.2014	zip 1806.18 KB	<a href="#">↓</a>
Application Note Library WagoDatalogger_02	2020-05-20 20.05.2020	zip 1256.74 KB	<a href="#">↓</a>
Application Note Weather Station Elsner P03 Modbus	01.12.2011 28.10.2011	zip 269.09 KB	<a href="#">↓</a>
Application note: DALI 753-647 Configuration Interface	1.0.2 29.04.2019	zip 3032.71 KB	<a href="#">↓</a>
HLK-Anlagenmakros für TRIC	2015-07-10 10.07.2015	zip 74963.43 KB	<a href="#">↓</a>
Application Note Library ModuleAccess_01	05.01.2016 29.01.2016	zip 1001.22 KB	<a href="#">↓</a>
Anwendungshinweis für die Steuerung eines Icus robotlink	12.11.2015 12.11.2015	zip 1281.38 KB	<a href="#">↓</a>

Application Note e!COCKPIT			
e!COCKPIT application note installation MyS-QL-Server	1.0.3 09.09.2019	pdf 1868.46 KB	<a href="#">↓</a>
e!COCKPIT application note WagoAppCloud	2022-11-04 04.11.2022	zip 2678.52 KB	<a href="#">↓</a>
HART Tool Routing via ETHERNET with 750-820x and e!RUNTIME (a116130)	1.0.0 22.03.2019	pdf 2867.01 KB	<a href="#">↓</a>
SNMP Communication (a500850)	1.1.0 20.02.2020	zip 3743.05 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 750-8213	<a href="#">↓</a>	EPLAN Data Portal 750-8213	<a href="#">↓</a>
		ZUKEN Portal 750-8213	<a href="#">↓</a>

## Engineering-Software

Configuration and Commissioning Software			
WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762	V 2.3.9.68 17.02.2022	zip 122524.17 KB	<a href="#">↓</a>
(759-316) WAGO Ethernet Settings / Serie 750	06.18.01.01 02.09.2021	zip 26678.54 KB	<a href="#">↓</a>
WAGOupload	1.16.1.0 02.02.2022	zip 12111.45 KB	<a href="#">↓</a>

## 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	<a href="#">↓</a>
PFC200, Firmware Update für CoDeSys V3.5	V 23 24.02.2023	zip 167985.38 KB	<a href="#">↓</a>
WUP Update (WAGOuploadTool) PFC100/200 Codesys V2.3 u. Elcockpit	V 22 SP1 12.12.2022	zip 203580.70 KB	<a href="#">↓</a>

**Libraries**

Library	Version	Date	Format	Size	Download
WagoConfigToolLIB	1.0.0	08.10.2013	pdf	340.92 KB	
WagoLibLed	1.0.0		pdf	504.39 KB	
WagoLibNetSnmpManager	1.1.0		pdf	1090.83 KB	
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 Optional Accessories**

**1.1.1 Cables and connectors**

**1.1.1.1 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



**Item No.: 750-963**  
 Fieldbus Connector CANopen; with D-sub female connector; 9-pole



1.1.2 Communication

1.1.2.1 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

1.1.3 DIN-rail

1.1.3.1 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

1.1.4 Marking

1.1.4.1 Group marker carrier



**Item No.: 750-107**

Group marker carrier

1.1.4.2 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

1.1.4.2 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

1.1.4.3 Marker carrier



**Item No.: 750-103**

Group marker carrier

1.1.5 Memory card

1.1.5.1 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

1.1.6 Shield termination

1.1.6.1 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

1.1.7 Software

1.1.7.1 Basic version



**Item No.: 2759-101/1110-4000**

e!COCKPIT; Buy-out License

**Item No.: 2759-101/1110-2005**

e!COCKPIT; Multi-User License; 05 pcs

**Item No.: 2759-101/1110-2010**

e!COCKPIT; Multi-User License; 10 pcs

**Item No.: 2759-101/1110-2015**

e!COCKPIT; Multi-User License; 15 pcs



**Item No.: 2759-101/1110-2020**

e!COCKPIT; Multi-User License; 20 pcs

**Item No.: 2759-101/1110-3000**

e!COCKPIT; Site License

**Item No.: 2759-101/1110-2002**

e!COCKPIT; Workstation License

**Item No.: 759-333**

WAGO-I/O-PRO



**Item No.: 759-333/000-923**

WAGO-I/O-PRO; USB-Set

1.1.7.2 Software application



**Item No.: 2759-120/1121-1000**  
e!COCKPIT MTP; Single License; Online activation

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

**Item No.: 2759-208/211-1000**  
Library MTP; Single License; Online activation

1.1.8 System enclosure

1.1.8.1 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