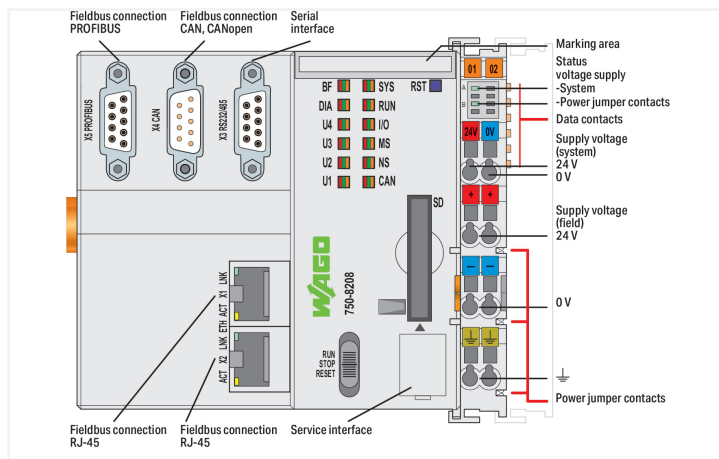
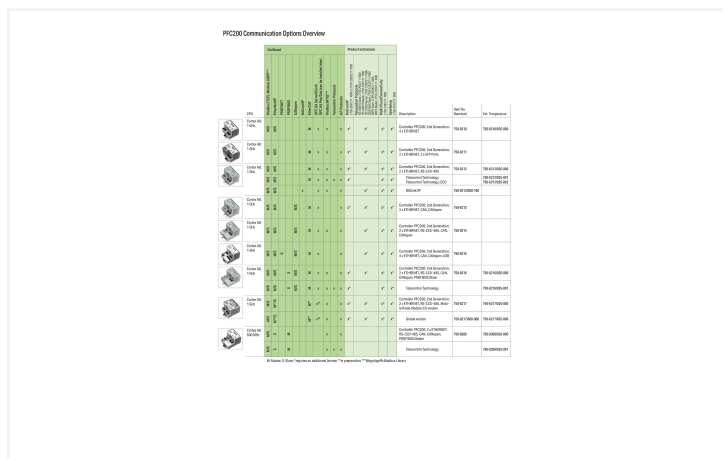


Controller PFC200; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS-Master; Ext. Temperature



Programming per IEC 61131-3

- Programmable via WAGO-I/O-PRO V2.3
- Direct connection of WAGO's I/O modules
- 2 x ETHERNET (configurable), RS-232/485, CAN, CANopen, PROFIBUS DP Master
- Linux operating system with PREEMPT\_RT patch
- Configuration via CODESYS or Web-Based Management interface
- Maintenance-free

## Communications

- PROFIBUS DP master
- CANopen
- Modbus (TCP, UDP)
- ETHERNET
- Modbus RTU
- RS-232 serial interface
- RS-485 interface
- MQTT



| Technical data                                    |                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ETHERNET protocols                                | DHCP<br>DNS<br>NTP<br>FTP<br>FTPS<br>SNMP<br>HTTP<br>HTTPS<br>SSH                                                                                                                                                                                                            |
| Visualization                                     | Web-Visu                                                                                                                                                                                                                                                                     |
| Operating system                                  | Real-time Linux (with PREEMPT_RT patch)                                                                                                                                                                                                                                      |
| CPU                                               | Cortex A8; 600 MHz                                                                                                                                                                                                                                                           |
| Programming languages per IEC 61131-3             | Instruction List (IL)<br>Ladder Diagram (LD)<br>Function Block Diagram (FBD)<br>Continuous Function Chart (CFC)<br>Structured Text (ST)<br>Sequential Function Chart (SFC)                                                                                                   |
| Programming environment                           | WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)                                                                                                                                                                                                                                    |
| Configuration options                             | WAGO-I/O-CHECK<br>Web-Based Management                                                                                                                                                                                                                                       |
| 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)                                 | 256 MB                                                                                                                                                                                                                                                                       |
| Internal memory (flash)                           | 256 MB                                                                                                                                                                                                                                                                       |
| Non-volatile hardware memory                      | 128 KB                                                                                                                                                                                                                                                                       |
| Program memory                                    | 16 MB                                                                                                                                                                                                                                                                        |
| Data memory                                       | 64 MB                                                                                                                                                                                                                                                                        |
| 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                                                                                                                                                                                                                                            |
| Input and output process image (PROFIBUS) max.    | 5000 bytes/5000 bytes                                                                                                                                                                                                                                                        |
| Input and output process image (CAN) max.         | 2000 words/2000 words                                                                                                                                                                                                                                                        |
| Indicators                                        | LED (SYS, RUN, I/O, CAN, BF, DIA, U1 ... U4) red/green/orange: Status system, program, internal data bus, CANopen, PROFIBUS, PROFIBUS diagnostics, status programmable by user (can be used via CODESYS library); LED (A, B) green: System power supply status, field supply |
| Supply voltage (system)                           | 24 VDC (-25 ... +30 %); via pluggable connector (CAGE CLAMP® connection)                                                                                                                                                                                                     |
| Input current (typ.) at nominal load (24 V)       | 670 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 | PROFIBUS: 1 x D-sub 9 socket; CANopen: 1 x D-sub 9 plug; 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 1                             | System/field supply                                                                                                                                                                                      |
| Solid conductor                               | 0.08 ... 2.5 mm² / 28 ... 14 AWG                                                                                                                                                                         |
| Fine-stranded conductor                       | 0.08 ... 2.5 mm² / 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                             | 112 mm / 4.409 inches  |
| Height                            | 100 mm / 3.937 inches  |
| Depth                             | 71.9 mm / 2.831 inches |
| Depth from upper-edge of DIN-rail | 64.7 mm / 2.547 inches |

| Mechanical data |             |
|-----------------|-------------|
| Mounting type   | DIN-35 rail |

| Material data      |                              |
|--------------------|------------------------------|
| Color              | light gray                   |
| Housing material   | Polycarbonate; polyamide 6.6 |
| Fire load          | 2.881 MJ                     |
| Weight             | 262.3 g                      |
| Conformity marking | CE                           |

| Environmental requirements                                                         |                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)                                                    | -20 ... +60 °C                                                                                                                                                                                    |
| Ambient temperature (storage)                                                      | -40 ... +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 %                                                                                                                                                                                              |
| Relative humidity (with condensation)                                              | Short-term condensation per Class 3K6/IEC EN 60721-3-3 and E-DIN 40046-721-3, accounting for a temperature range of -20 to +60 °C (except for wind-driven precipitation, water and ice formation) |
| Vibration resistance                                                               | 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 <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       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4055143567046 |
| Customs tariff number | 85371091990   |



| Product classification |          |
|------------------------|----------|
| UNSPSC                 | 32151705 |

| Environmental Product Compliance          |                                                                                                                                                                          |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS-No.                                   | 1303-86-2<br>1317-36-8<br>693-98-1<br>7439-92-1<br>79-94-7                                                                                                               |
| REACH Candidate List Substance            | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>2-methylimidazole<br>Diboron trioxide<br>Lead<br>Lead monoxide<br>Perfluorobutane sulfonic acid (PFBS) and its salts |
| RoHS Compliance Status                    | Compliant,With Exemption                                                                                                                                                 |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II                                                                                                                                        |
| SCIP notification number (Bulgaria)       | be023d7c-07c6-4263-b18a-87c9f3d65b89                                                                                                                                     |
| SCIP notification number (Czech Republic) | e9ae335f-8479-4ff9-b585-2c7730494d21                                                                                                                                     |

Approvals / Certificates

| General approvals                                                                                                                                                                                                                                          |                        | Declarations of conformity and manufacturer's declarations |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------|
|    |                        |                                                            |
| Approval                                                                                                                                                                                                                                                   | Standard               | Certificate Name                                           |
| EAC<br>GZO Almaty Standart                                                                                                                                                                                                                                 | TP TC 020/2011         | EAC CoC 03083                                              |
| KC<br>National Radio Research Agency                                                                                                                                                                                                                       | Article 58-2, Clause 3 | MSIP-REM-W43-PFC750                                        |
| UL<br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS)                                                                                                                                                                                                  | -                      | E175199                                                    |

Approvals for marine applications

|     |          |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|
| Approval                                                                                                                                                                                                                                                                                                                                       | Standard | Certificate Name  |
| ABS<br>American Bureau of Shipping                                                                                                                                                                                                                                                                                                             | -        | 22-2227356-PDA    |
| BSH<br>Bundesamt fuer Seeschifffahrt und Hydrographie                                                                                                                                                                                                                                                                                          | -        | 1104              |
| LR<br>Lloyds Register                                                                                                                                                                                                                                                                                                                          | -        | LR2475997TA       |
| PRS<br>Polski Rejestr Statków                                                                                                                                                                                                                                                                                                                  | -        | TE/1102/880590/23 |

Approvals for hazardous areas

|         |             |                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------|
| Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Standard    | Certificate Name                           |
| ATEX<br>TUEV Nord Cert GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 60079-0  | TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc) |
| CCCEX<br>CQST/CNEx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CNCA-C23-01 | 2020312310000213 (Ex ec IIC T4 Gc)         |
| IECEx<br>TUEV Nord Cert GmbH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IEC 60079-0 | IECEx TUN 14.0035 X (Ex ec IIC T4 Gc)      |
| INMETRO<br>TÜV Rheinland do Brasil Ltda.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IEC 60079-0 | TÜV 12.1297 X                              |
| UKEx<br>WAGO GmbH & Co. KG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 60079-0  | UKCA_WA<br>GO22UKEX003X_ec                 |
| UL<br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UL 121201   | E198726                                    |



| Downloads                        |                  |  |                   |
|----------------------------------|------------------|--|-------------------|
| Environmental Product Compliance |                  |  |                   |
| Compliance Search                |                  |  |                   |
| Environmental Product Compliance | 750-8208/025-000 |  | <a href="#">↓</a> |

| Documentation                                  |                       |                                                    |                                       |
|------------------------------------------------|-----------------------|----------------------------------------------------|---------------------------------------|
| Manual                                         |                       | System Description                                 |                                       |
| PFC200 CS 2ETH RS CAN DPM                      | 1.11.0<br>29.08.2022  | pdf<br>8991.03 KB                                  | <a href="#">↓</a>                     |
| Cyber Security for Controller PFC100 / PFC200  | V 1.2.1<br>12.02.2025 | pdf<br>3344.50 KB                                  | <a href="#">↓</a>                     |
| System Manual Series 750/753                   |                       |                                                    | <a href="#">↓</a>                     |
| Product Manual WAGO MODBUS Master Configurator | V 1.1.0               | pdf<br>1761.59 KB                                  | <a href="#">↓</a>                     |
|                                                |                       | Overview on WAGO-I/O-SYSTEM 750 approvals          | pdf<br>770.48 KB<br><a href="#">↓</a> |
|                                                |                       | Controller PFC100/200, General Product Information | pdf<br>578.66 KB<br><a href="#">↓</a> |

| Tutorial                                       |                   | Additional Information                              |                                                                 |
|------------------------------------------------|-------------------|-----------------------------------------------------|-----------------------------------------------------------------|
| Establish connection to a controller using SSH | 1.0<br>05.08.2017 | mp4<br>28368.02 KB                                  | <a href="#">↓</a>                                               |
| Set IP address with Ethernet Settings          | 3.0<br>18.12.2017 | mp4<br>86272.82 KB                                  | <a href="#">↓</a>                                               |
|                                                |                   | WAGO OPC UA Server                                  | V 1.1.0<br>28.01.2021<br>pdf<br>1132.87 KB<br><a href="#">↓</a> |
|                                                |                   | External license agreement for open source software | V 1.0.0<br>pdf<br>1482.55 KB<br><a href="#">↓</a>               |

| Bid Text         |            | Instruction Leaflet             |                                                     |
|------------------|------------|---------------------------------|-----------------------------------------------------|
| 750-8208/025-000 | 19.02.2019 | xml<br>7.92 KB                  | <a href="#">↓</a>                                   |
| 750-8208/025-000 | 23.01.2019 | docx<br>20.25 KB                | <a href="#">↓</a>                                   |
|                  |            | CCC Ex (Additional information) | 26.04.2023<br>pdf<br>159.76 KB<br><a href="#">↓</a> |

| Application Notes                                                                                  |                          |                                                                      |                                                                    |
|----------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|
| Application Note CoDeSys 2.3                                                                       |                          | Application Note e!COCKPIT                                           |                                                                    |
| Application note for installing a MySQL-Server on a PFC-Controller                                 | 1.0.4<br>16.05.2019      | zip<br>4392.22 KB                                                    | <a href="#">↓</a>                                                  |
| Application note Cloud Connectivity                                                                | 2019-09-17<br>17.09.2019 | zip<br>3973.74 KB                                                    | <a href="#">↓</a>                                                  |
| HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120)                     | 1.0.0<br>22.03.2019      | pdf<br>3798.36 KB                                                    | <a href="#">↓</a>                                                  |
| HART Tool Routing via PROFIBUS with 750-833 and 750-333 (a116140)                                  | 1.0.0<br>22.03.2019      | pdf<br>5214.96 KB                                                    | <a href="#">↓</a>                                                  |
| Using the web visualization with Java™ runtime environment (JRE, JVM) 7 update 51 (7u51) (a500690) | 1.2.4<br>26.02.2019      | zip<br>4896.43 KB                                                    | <a href="#">↓</a>                                                  |
|                                                                                                    |                          | e!COCKPIT application note installation MySQL-Server                 | 1.0.3<br>09.09.2019<br>pdf<br>1868.46 KB<br><a href="#">↓</a>      |
|                                                                                                    |                          | e!COCKPIT application note WagoAppCloud                              | 2022-11-04<br>04.11.2022<br>zip<br>2678.52 KB<br><a href="#">↓</a> |
|                                                                                                    |                          | HART Tool Routing via ETHERNET with 750-820x and e!RUNTIME (a116130) | 1.0.0<br>22.03.2019<br>pdf<br>2867.01 KB<br><a href="#">↓</a>      |
|                                                                                                    |                          | SNMP Communication (a500850)                                         | 1.1.0<br>20.02.2020<br>zip<br>3743.05 KB<br><a href="#">↓</a>      |



| CAD/CAE-Data                                                                  |                                                                               |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <div>CAD data</div> <div>2D/3D Models<br/>750-8208/025-000</div> <div>↓</div> | <div>CAE data</div> <div>ZUKEN Portal<br/>750-8208/025-000</div> <div>↓</div> |

| Engineering-Software                                        |                          |                     |   |
|-------------------------------------------------------------|--------------------------|---------------------|---|
| Configuration and Commissioning Software                    |                          |                     |   |
| WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762 | V 2.3.9.68<br>17.02.2022 | zip<br>122524.17 KB | ↓ |
| WAGOUpload                                                  | 1.16.1.0<br>02.02.2022   | zip<br>12111.45 KB  | ↓ |

| Runtime Software                                                 |                        |                     |   |
|------------------------------------------------------------------|------------------------|---------------------|---|
| Firmware                                                         |                        |                     |   |
| Image Update (SD Karte) PFC100/200 für Codesys V2.3 u. Elcockpit | V 22 SP1<br>12.12.2022 | zip<br>205815.20 KB | ↓ |
| WUP Update (WAGOUploadTool) PFC100/200 Codesys V2.3 u. Elcockpit | V 22 SP1<br>12.12.2022 | zip<br>203580.70 KB | ↓ |

| Libraries                                               |                  |                   |                              |                                             |
|---------------------------------------------------------|------------------|-------------------|------------------------------|---------------------------------------------|
| Device Description File                                 |                  |                   | Library                      |                                             |
| 750-914; EDS file for CANopen / 750, 752 and 767 Series | XT<br>12.03.2021 | zip<br>1728.38 KB | ↓                            |                                             |
|                                                         |                  |                   | WAGO_BusDiag_01              | 1.0.0<br>pdf<br>683.57 KB<br>↓              |
|                                                         |                  |                   | WAGO_DPM_01                  | 1.0.0<br>pdf<br>1016.36 KB<br>↓             |
|                                                         |                  |                   | Library WagoLib-Cloud_02.lib | 2.2.4<br>21.01.2020<br>zip<br>56.21 KB<br>↓ |

| 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



1.1.1.1 Connector plug



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



Item No.: 750-960  
Fieldbus Connector PROFIBUS; with D-sub male 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

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Item No.: 2009-145/000-006</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>  | <p><b>Item No.: 2009-145/000-007</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>    | <p><b>Item No.: 2009-145/000-023</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>  | <p><b>Item No.: 2009-145/000-012</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>  |
| <p><b>Item No.: 2009-145/000-005</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red</p>   | <p><b>Item No.: 2009-145/000-024</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>  | <p><b>Item No.: 2009-145</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>          | <p><b>Item No.: 2009-145/000-002</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>  |
| <p><b>Item No.: 248-501/000-006</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p>                                   | <p><b>Item No.: 248-501/000-007</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p>                                     | <p><b>Item No.: 248-501/000-023</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p>                                   | <p><b>Item No.: 248-501/000-017</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p>                              |
| <p><b>Item No.: 248-501/000-012</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p>                                 | <p><b>Item No.: 248-501/000-005</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p>                                      | <p><b>Item No.: 248-501/000-024</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p>                                  | <p><b>Item No.: 248-501</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white</p>                                            |
| <p><b>Item No.: 248-501/000-002</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p>                               |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                               |

1.1.4.3 Marker carrier

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| <p><b>Item No.: 750-103</b><br/>Group marker carrier</p>  |
|----------------------------------------------------------------------------------------------------------------------------------------------|

1.1.5 Memory card

1.1.5.1 Memory card

|                                                                                                                                                                                                  |                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Item No.: 758-879/000-2108</b><br/>Memory Card SD; pSLC-NAND; 8 GB; Temperature range: -40 to 90°C</p>  | <p><b>Item No.: 758-879/000-001</b><br/>Memory Card SD; SLC-NAND; 2 GByte; Temperature from -40 to 90 °C</p>  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

1.1.6 Shield termination

1.1.6.1 Shield clamping saddles

|                                                                                                                                                                                                           |                                                                                                                                                                          |                                                                                                                                                                                                           |                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Item No.: 790-108</b><br/>Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm</p>   | <p><b>Item No.: 790-208</b><br/>Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm</p>  | <p><b>Item No.: 790-116</b><br/>Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm</p>  | <p><b>Item No.: 790-216</b><br/>Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm</p>  |
| <p><b>Item No.: 790-124</b><br/>Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm</p>  | <p><b>Item No.: 790-220</b><br/>Shield clamping saddle; 30 mm wide; 6 ... 20 mm</p>   | <p><b>Item No.: 790-140</b><br/>Shield clamping saddle; diameter of compatible conductor</p>                           |                                                                                                                                                                             |





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); 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);  
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 flan-  
ge plate



**Item No.: 850-815/002-000**  
IP65 enclosure; Sheet steel (RAL 7035);  
WxHxD (300x120x200 mm); without flan-  
ge plate



**Item No.: 850-816/002-000**  
IP65 enclosure; Sheet steel (RAL 7035);  
WxHxD (400x120x200 mm); without flan-  
ge plate



**Item No.: 850-817/002-000**  
IP65 enclosure; Sheet steel (RAL 7035);  
WxHxD (600x120x200 mm); without flan-  
ge plate