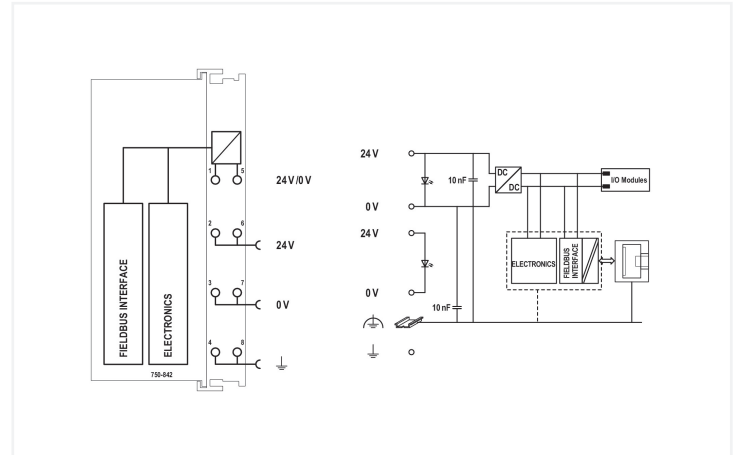


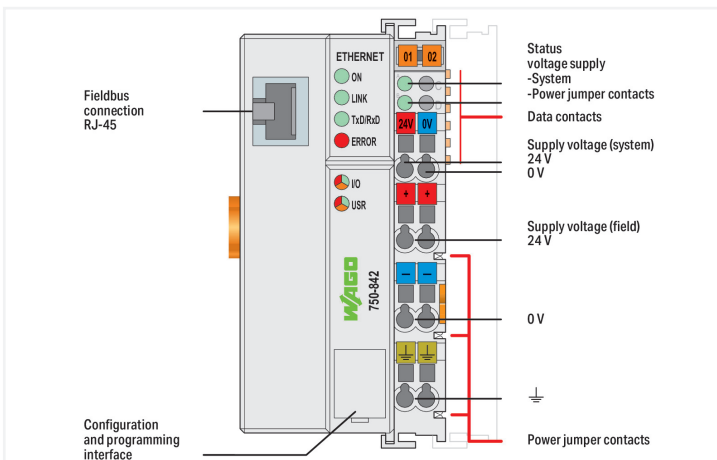
# Data Sheet | Item Number: 750-842

## Controller ETHERNET; 1st Generation

<https://www.wago.com/750-842>



Color: ■ light gray



The ETHERNET Controller combines control functionality, I/O interface and ETHERNET in one device.

Application programming is IEC 61131-3 compliant.

Function blocks allow both clients and servers to be programmed via socket APIs for all transport protocols (e.g., TCP, UDP).

Features and applications:

- Decentralized control to optimize support for a PLC or PC
- Devide complex applications into individually testable units
- Programmable fault response in the event of fieldbus failure
- Signal pre-processing to reduce fieldbus transmissions
- Directly control peripheral equipment for faster system response times
- Stand-alone, compact controller

### Technical data

|                                       |  |
|---------------------------------------|--|
| Communication                         | Modbus (TCP, UDP)<br>ETHERNET  |
| ETHERNET protocols                    | HTTP<br>BootP  |
| Visualization                         | none   |
| CPU                                   | 16 bits  |
| 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   |
| Cycle time                            | < 3 ms for 1000 bit instructions/ 256 digital I/O  |
| Baud rate (communication/fieldbus 1)  | 10 Mbit/s  |

### Technical data

|   |   |
|---|---|
| Baud rate   | 10 Mbit/s   |
| Bus segment length (max.)                             | 100 m   |
| Transmission medium (communication/fieldbus)          | Twisted pair S-UTP; 100 Ω; Cat. 5   |
| Program memory  | 128 KB  |
| Data memory   | 64 KB   |
| Non-volatile software memory                          | 8 KB  |
| Memory for fieldbus input variables (max.)            | 512 bytes   |
| Memory for fieldbus output variables (max.)           | 512 bytes   |
| Number of modules per node (max.)                     | 64  |
| Input and output process image (fieldbus) max.        | 512 bytes/512 bytes   |
| Indicators  | LED (ON, LINK, TxD/RxD) green: Fieldbus initialization, network connection, data exchange; LED (ERROR) red: Fieldbus error; LED (I/O, USR) red/green/orange: Local data bus status, status programmable by user; 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)           | 500 mA  |
| Power supply efficiency (typ.) at nominal load (24 V) | 87 %  |
| Current consumption (5 V system supply)               | 200 mA  |
| Total current (system supply)                         | 1800 mA   |
| Supply voltage (field)                                | 24 VDC (-25 ... +30 %); via power jumper contacts   |
| Current carrying capacity (power jumper contacts)     | 10 A  |
| Number of outgoing power jumper contacts              | 3   |
| Isolation   | 500 V system/field  |

### Connection data

|   |  |
|---|--|
| Connection technology: communication/fieldbus | Modbus (TCP, UDP): 1 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                             | 50.5 mm / 1.988 inches |
| Height                            | 100 mm / 3.937 inches  |
| Depth                             | 71.1 mm / 2.799 inches |
| Depth from upper-edge of DIN-rail | 63.9 mm / 2.516 inches |

### Mechanical data

|                    |                              |
|--------------------|------------------------------|
| Weight             | 179 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 61000-6-4, marine applications   |
| Exposure to pollutants   | per IEC 60068-2-42 and IEC 60068-2-43   |
| Fire load  | 3.401 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

|                       |                 |
|-----------------------|-----------------|
| Product Group         | 15 (I/O System) |
| 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                  | 4045454527198   |
| Customs tariff number | 85371091990     |

### Environmental Product Compliance

|   |   |
|---|---|
| CAS-No.                                   | 11120-22-2<br>12060-00-3<br>1303-86-2<br>1317-36-8<br>25550-51-0<br>7439-92-1<br>79-94-7  |
| REACH Candidate List Substance            | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>4-Methyl-1,2-cyclohexanedicarboxylic anhydride<br>Diboron trioxide<br>Lead<br>Lead monoxide<br>Lead silicate<br>Lead titanium oxide (PbTiO <sub>3</sub> ) |
| RoHS Compliance Status                    | Compliant,With Exemption  |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II   |
| SCIP notification number (Austria)        | f1c2772b-f8cc-4ac3-9b16-0c7bbfb407ba  |
| SCIP notification number (Belgium)        | 0a2146d9-0dfe-4b81-b012-e82db9bc2f72  |
| SCIP notification number (Bulgaria)       | 077fe39f-65c1-44be-b3e2-aa6b44a4e4cf  |
| SCIP notification number (Czech Republic) | 56bb7842-a37c-487d-82c9-551956c45f82  |
| SCIP notification number (Denmark)        | 473abf6a-c35c-47b6-812b-2d7e1b6a2afb  |
| SCIP notification number (Finland)        | d9d17291-a441-48d0-bb8c-71798a95781e  |
| SCIP notification number (France)         | 9dd56de8-b284-49e7-b258-27276d2c307b  |
| SCIP notification number (Germany)        | f4d2f3a3-6770-435b-85ea-0c68ff3f0cdc  |
| SCIP notification number (Hungary)        | 96bafdbf-dfd1-4a05-a4db-26f3c303fed   |

### Environmental Product Compliance

|  |                                      |
|--|--------------------------------------|
| SCIP notification number (Italy)       | b9e61f3c-b330-4140-993c-3a0c7d319f05 |
| SCIP notification number (Netherlands) | da423579-a0b2-43e8-8a3e-8233cc08e6d8 |
| SCIP notification number (Poland)      | 4f22f942-2775-4bb5-ab3c-1044df56f9a5 |
| SCIP notification number (Romania)     | ac619a1e-3c05-427b-bafd-92fcd65afd0  |
| SCIP notification number (Sweden)      | 3bd2dd5a-bc65-4d97-a08c-53025af221f4 |

### Approvals / Certificates

#### General approvals



| Approval  | Standard               | Certificate Name                |
|---|------------------------|---------------------------------|
| EAC<br>Brjansker Zertifizierungsstelle                    | TP TC 020/2011         | EAC RU C-DE.AM02.<br>B.00087/19 |
| KC<br>National Radio Research Agency                      | Article 58-2, Clause 3 | MSIP-REM-W43-PFC750             |
| UL<br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 508                 | E175199 Sec.1                   |

#### Declarations of conformity and manufacturer's declarations

| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

#### Approvals for marine applications



| Approval  | Standard              | Certificate Name  |
|---|-----------------------|-------------------|
| ABS<br>American Bureau of Shipping                    | -                     | 22-2219060        |
| BSH<br>Bundesamt fuer Seeschifffahrt und Hydrographie | -                     | 1104              |
| BV<br>Bureau Veritas S.A.                             | -                     | 13453/E0 BV       |
| DNV<br>DNV GL SE                                      | DNV-CG-0339, Aug.2021 | TAA0000194        |
| KR<br>Korean Register of Shipping                     | -                     | KR HMB05880-AC001 |
| LR<br>Lloyds Register EMEA                            | -                     | LR22180952TA      |
| PRS<br>Polski Rejestr Statków                         | -                     | TE/2236/880590/19 |
| RINA<br>RINA Germany GmbH                             | -                     | ELE343521XG001    |

#### 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)                   |
| EAC<br>Brjansker Zertifizierungsstelle                     | TP TC 012/2011 | EAC RU C-DE.AM02.<br>B.00163/19 (2Ex nA IIC T4 Gc X) |
| IECEX<br>TUEV Nord Cert GmbH                               | IEC 60079-0    | IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)                |
| INMETRO<br>TUV Rheinland do Brasil Ltda.                   | IEC 60079-0    | BR-Ex_TUV 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 Sec.1  |

## Downloads

## Environmental Product Compliance


## Compliance Search

Environmental Product  
Compliance 750-842

## Documentation


## Manual

|   |         |     |            |   |
|---|---------|-----|------------|---|
| Product Manual ETHERNET TCP/IP Programmable Fieldbus Controller | V 2.3.0 | pdf | 5713.65 KB |  |
|---|---------|-----|------------|---|


|                                       |                       |     |            |   |
|---------------------------------------|-----------------------|-----|------------|---|
| System Manual WAGO I/O System 750/753 | V 3.3.3<br>29.08.2023 | pdf | 8512.61 KB |  |
|---------------------------------------|-----------------------|-----|------------|---|


System Manual Series  
750/753

## Quick-Start Guide


|  |         |     |           |   |
|--|---------|-----|-----------|---|
| Quick Start ETHERNET Fieldbus Controller 750-842 | V 1.0.3 | pdf | 415.00 KB |  |
|--|---------|-----|-----------|---|


## System Description

|   |     |           |   |
|---|-----|-----------|---|
| Overview on WAGO-I/O-SYSTEM 750 approvals | pdf | 770.48 KB |  |
|---|-----|-----------|---|


|   |     |           |   |
|---|-----|-----------|---|
| 750 Controller, General Product Information | pdf | 507.50 KB |  |
|---|-----|-----------|---|

## Bid Text

|         |            |     |         |   |
|---------|------------|-----|---------|---|
| 750-842 | 19.02.2019 | xml | 6.42 KB |  |
|---------|------------|-----|---------|---|

|         |            |     |          |   |
|---------|------------|-----|----------|---|
| 750-842 | 22.07.2015 | doc | 33.00 KB |  |
|---------|------------|-----|----------|---|


## Instruction Leaflet

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

## Application Notes

## Application Note CoDeSys 2.3

|  |                     |     |           |   |
|--|---------------------|-----|-----------|---|
| HART-Module 750-482 on the ETHERNET-Controller (a116100) | 1.0.0<br>06.08.2008 | zip | 877.08 KB |  |
|--|---------------------|-----|-----------|---|

|  |                     |     |           |   |
|--|---------------------|-----|-----------|---|
|  | 1.0.0<br>28.11.2002 | zip | 255.21 KB |  |
|--|---------------------|-----|-----------|---|

## Application note, other

|  |                     |     |           |   |
|--|---------------------|-----|-----------|---|
| Anbindung an MCPS Datenerfassungs Software (a116400) | 1.1.1<br>20.05.2009 | zip | 395.96 KB |  |
|--|---------------------|-----|-----------|---|


## CAD/CAE-Data


## CAD data


2D/3D Models 750-842



## CAE data

|                           |   |
|---------------------------|---|
| EPLAN Data Portal 750-842 |  |
|---------------------------|---|

|                        |   |
|------------------------|---|
| WSCAD Universe 750-842 |  |
|------------------------|---|

|                      |   |
|----------------------|---|
| ZUKEN Portal 750-842 |  |
|----------------------|---|

## 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 | <a href="#">↓</a> |
| (759-316) WAGO Ethernet Settings / Serie 750                | 06.18.01.01<br>02.09.2021 | zip<br>26678.54 KB  | <a href="#">↓</a> |

## Runtime Software

### Firmware

|                                |                    |                  |                   |
|--------------------------------|--------------------|------------------|-------------------|
| 0750-0842, Controller ETHERNET | V 19<br>21.10.2021 | zip<br>629.66 KB | <a href="#">↓</a> |
|--------------------------------|--------------------|------------------|-------------------|

## Device Files

### Device Driver

|  |                       |                   |                   |
|--|-----------------------|-------------------|-------------------|
| WAGO USB Service Kabel Treiber / Serie 750 und 857 | 6.5.3.0<br>10.09.2014 | zip<br>4721.96 KB | <a href="#">↓</a> |
|--|-----------------------|-------------------|-------------------|

## Libraries

### Device Description File

|   |                   |                |                   |
|---|-------------------|----------------|-------------------|
| MIB-Datei für Ethernet-Controller / Serie 750 | 2.0<br>03.04.2012 | zip<br>5.99 KB | <a href="#">↓</a> |
|---|-------------------|----------------|-------------------|

### Library

|   |                     |                  |                   |
|---|---------------------|------------------|-------------------|
| Condition monitoring with 750-645           | 1.0.1<br>27.07.2011 | zip<br>110.12 KB | <a href="#">↓</a> |
| Modbusmaster for Ethernet                   | 1.0.0<br>24.01.2013 | zip<br>408.91 KB | <a href="#">↓</a> |
| Control DC motor with 750-636               | 1.0.0<br>08.11.2017 | zip<br>146.93 KB | <a href="#">↓</a> |
| Connecting HART-Modules 750-482 and 750-484 | 3.1.0<br>19.01.2018 | zip<br>323.26 KB | <a href="#">↓</a> |
| Sending E-Mails based on "Ethernet.lib"     | 1.0.1<br>20.01.2004 | zip<br>311.24 KB | <a href="#">↓</a> |

## 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

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.: 750-106**  
 Group marker carrier

1.1.4.2 Marker

|   |  |   |  |
|---|--|---|--|
|  <p><b>Item No.: 750-100</b><br/>Marker card; as a DIN A4 sheet; plain</p>   | <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

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

1.1.5 Shield termination

1.1.5.1 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>                          |   |



## 1.1.6 Software

### 1.1.6.1 Basic version



**Item No.: 759-333**  
WAGO-I/O-PRO

**Item No.: 759-333/000-923**  
WAGO-I/O-PRO; USB-Set

## 1.1.7 System enclosure

### 1.1.7.1 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