

**Data sheet | Item number: 750-333**

Fieldbus Coupler PROFIBUS DP; 2nd Generation; 12 MBd

[www.wago.com/750-333](http://www.wago.com/750-333)



**Color:**



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

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## Item description

The 750-333 Fieldbus Coupler maps the peripheral data of all the WAGO I/O System's I/O modules on PROFIBUS DP.

When initializing, the coupler determines the node's module structure and creates the process image of all inputs and outputs. Modules with a bit width smaller than eight are grouped in one byte for address space optimization.

It is furthermore possible to deactivate I/O modules and to modify the image of the node according to the connected signals without having to modify the existing control application.

The diagnostic concept is based on ID- and channel-related diagnostics according to EN 50170. This does away with the need for programming modules to evaluate manufacturer-specific diagnostic data.

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



## Data Notes

Note

Note: Configuration files required (GSD)!

## Technical data

|   |  |
|---|--|
| Communication   | PROFIBUS   |
| Number of fieldbus nodes on master (max.)             | 96   |
| Number of I/O points                                  | 6,000  |
| Baud rate   | 9.6 kBd ... 12 MBd   |
| Bus segment length (max.)                             | 1200 m   |
| Transmission medium                                   | Cu cable per EN 50170  |
| Transmission time                                     | typ. 1 ms (10 couplers; each 32 digital I/O and 12 Mbaud) max. 3.3 ms    |
| Number of modules per node (max.)                     | 63   |
| Input and output process image (fieldbus) max.        | 244 bytes/244 bytes  |
| Supply voltage (system)                               | 24 VDC (-25 ... +30 %); via pluggable connector (CAGE CLAMP® connection) |
| Current consumption (5 V system supply)               | 200 mA   |
| Total current (system supply)                         | 1,800 mA   |
| Supply voltage (field)                                | 24 VDC (-25 ... +30 %); via power jumper contacts                        |
| Input current (typ.) at nominal load (24 V)           | 500 mA   |
| Power supply efficiency (typ.) at nominal load (24 V) | 87 %   |
| Isolation   | 500 V system/field   |
| Number of outgoing power jumper contacts              | 3  |
| Current carrying capacity (power jumper contacts)     | 10 A   |
| Standard  | EN 50170   |

## Connection data

|   |  |
|---|--|
| Connection technology: communication/fieldbus | PROFIBUS: 1 x D-Sub 9 socket                 |
| Connection technology: field supply           | 6 x CAGE CLAMP®                              |
| Connection technology: system supply          | 2 x CAGE CLAMP®                              |
| Connection technology: device configuration   | 1 x Male connector; 4-pole                   |
| Connection type 1                             | System/field supply                          |
| Solid conductor                               | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |

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



|                         |  |
|-------------------------|--|
| Fine-stranded conductor | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Strip length            | 8 ... 9 mm / 0.31 ... 0.35 inches            |

### 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

|               |             |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

### Material Data

|                    |                              |
|--------------------|------------------------------|
| Color              | light gray                   |
| Housing material   | Polycarbonate; polyamide 6.6 |
| Fire load          | 3.002 MJ                     |
| Weight             | 183.1 g                      |
| 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   | 0 ... 2000 m / 0 ... 6562 ft          |
| Mounting position  | horizontal (standing/lying); vertical |
| Relative humidity (without condensation)   | 95 %                                  |
| 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 |
| 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                                |

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



## 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              | EC001603        |
| ETIM 7.0              | EC001603        |
| Recupel Type          |                 |
| PU (SPU)              | 1 pcs           |
| Packaging type        | box             |
| Country of origin     | DE              |
| GTIN                  | 4045454526856   |
| Customs tariff number | 85176200000     |

## 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 (Bulgaria)       | ef321005-d1ab-4abd-a70b-38d1a013750b  |
| SCIP notification number (Czech Republic) | c90e9500-dbd7-434f-b04b-ce7d55b4001d  |

## Approvals / Certificates

### General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|------|----------|--------------------------|------------------|

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|  |                        |                             |
|--|------------------------|-----------------------------|
| <b>EAC</b><br>Brjansker Zertifizierungsstelle                    | TP TC 020/2011         | EAC RU C-DE.AM02.B.00087/19 |
| <b>KC</b><br>National Radio Research Agency                      | Article 58-2, Clause 3 | MSIP-REM-W43-FBC750         |
| <b>UL</b><br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 508                 | E175199 Sec.1               |

## Declarations of conformity and manufacturer's declarations

| Logo | Approval  | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
|      | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |
|      | <b>UK-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

## Approvals for marine applications

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

## Approvals for hazardous areas

| Logo | Approval                           | Additional Approval Text | Certificate name                           |
|------|------------------------------------|--------------------------|--|
|      | <b>ATEX</b><br>TUEV Nord Cert GmbH | EN 60079-0               | TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc) |
|      | <b>CCCEX</b><br>CQST/CNEx          | CNCA-C23-01              | 2020312310000213 (Ex ec IIC T4 Gc)         |
|      | <b>EAC</b>                         | TP TC 012/2011           | EAC RU C-DE.AM02.B.00163                   |

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|   |                              |                                       |
|---|------------------------------|---------------------------------------|
| Brjansker Zertifizierungsstelle                                   |                              | /19 (2Ex nA IIC T4 Gc X)              |
| <b>IECEX</b><br>TUEV Nord Cert GmbH                               | IEC 60079-0                  | IECEX TUN 14.0035 X (Ex ec IIC T4 Gc) |
| <b>INMETRO</b><br>TÜV Rheinland do Brasil Ltda.                   | IEC 60079-0                  | BR-Ex_TÜV 12.1297 X                   |
| <b>KTL</b><br>Korea Testing Laboratory                            | KOSHA Article 34, IEC60079-0 | 20-KA4BO-0642X                        |
| <b>UKEx</b><br>WAGO GmbH & Co. KG                                 | EN 60079-0                   | UKCA_WAGO22UKEX003X_ec                |
| <b>UL</b><br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | UL 121201                    | E198726 Sec.1                         |

## Optional accessories

### Communication

#### Communication cable

**Item no.: 750-923**  
Configuration cable; USB connector; Length: 2.5 m [www.wago.com/750-923](http://www.wago.com/750-923)

**Item no.: 750-923/000-001**  
Configuration cable; USB connector; Length: 5 m [www.wago.com/750-923/000-001](http://www.wago.com/750-923/000-001)

### Cables and pluggable connectors

#### Connector plug

**Item no.: 750-960**  
Fieldbus Connector PROFIBUS; with D-sub male connector; 9-pole [www.wago.com/750-960](http://www.wago.com/750-960)

### System housing

#### System enclosure

**Item no.: 850-814/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate [www.wago.com/850-814/002-000](http://www.wago.com/850-814/002-000)

**Item no.: 850-815/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate [www.wago.com/850-815/002-000](http://www.wago.com/850-815/002-000)

**Item no.: 850-816/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate [www.wago.com/850-816/002-000](http://www.wago.com/850-816/002-000)

**Item no.: 850-817/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate [www.wago.com/850-817/002-000](http://www.wago.com/850-817/002-000)

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|   |  |
|---|--|
| <b>Item no.: 850-825</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20  | <a href="http://www.wago.com/850-825">www.wago.com/850-825</a>                   |
| <b>Item no.: 850-826</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip                   | <a href="http://www.wago.com/850-826">www.wago.com/850-826</a>                   |
| <b>Item no.: 850-827</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip                   | <a href="http://www.wago.com/850-827">www.wago.com/850-827</a>                   |
| <b>Item no.: 850-827/002-000</b><br>IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip           | <a href="http://www.wago.com/850-827/002-000">www.wago.com/850-827/002-000</a>   |
| <b>Item no.: 850-826/002-000</b><br>IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip           | <a href="http://www.wago.com/850-826/002-000">www.wago.com/850-826/002-000</a>   |
| <b>Item no.: 850-828/002-000</b><br>IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip          | <a href="http://www.wago.com/850-828/002-000">www.wago.com/850-828/002-000</a>   |
| <b>Item no.: 850-828</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip                  | <a href="http://www.wago.com/850-828">www.wago.com/850-828</a>                   |
| <b>Item no.: 850-834</b><br>IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20  | <a href="http://www.wago.com/850-834">www.wago.com/850-834</a>                   |
| <b>Item no.: 850-835</b><br>IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip                   | <a href="http://www.wago.com/850-835">www.wago.com/850-835</a>                   |
| <b>Item no.: 850-836</b><br>IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip                   | <a href="http://www.wago.com/850-836">www.wago.com/850-836</a>                   |
| <b>Marking accessories</b>  |  |
| Marker carrier  |  |
| <b>Item no.: 750-103</b><br>Group marker carrier  | <a href="http://www.wago.com/750-103">www.wago.com/750-103</a>                   |
| Marker  |  |
| <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   | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
| <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          | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                 |
| <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 | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a> |

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





**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 [www.wago.com/2009-145/000-007](http://www.wago.com/2009-145/000-007)

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**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 [www.wago.com/2009-145/000-005](http://www.wago.com/2009-145/000-005)

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**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 [www.wago.com/2009-145/000-012](http://www.wago.com/2009-145/000-012)

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**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 [www.wago.com/2009-145/000-023](http://www.wago.com/2009-145/000-023)

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**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 [www.wago.com/2009-145/000-024](http://www.wago.com/2009-145/000-024)

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**Item no.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue [www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)

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**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray [www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)

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**Item no.: 248-501/000-002**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow [www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)

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**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange [www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)

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**Item no.: 248-501**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white [www.wago.com/248-501](http://www.wago.com/248-501)

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**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green [www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)

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**Item no.: 248-501/000-005**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red [www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)

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**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet [www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)

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**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)**Item no.: 750-100**

Marker card; as a DIN A4 sheet; plain

[www.wago.com/750-100](http://www.wago.com/750-100)

## Group marker carrier

**Item no.: 750-106**

Group marker carrier

[www.wago.com/750-106](http://www.wago.com/750-106)**Shield termination**

## Shield clamping saddles

**Item no.: 790-116**

Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm

[www.wago.com/790-116](http://www.wago.com/790-116)**Item no.: 790-124**

Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm

[www.wago.com/790-124](http://www.wago.com/790-124)**Item no.: 790-108**

Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm

[www.wago.com/790-108](http://www.wago.com/790-108)**Item no.: 790-140**

Shield clamping saddle; diameter of compatible conductor

[www.wago.com/790-140](http://www.wago.com/790-140)**Item no.: 790-216**

Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm

[www.wago.com/790-216](http://www.wago.com/790-216)**Item no.: 790-220**

Shield clamping saddle; 30 mm wide; 6 ... 20 mm

[www.wago.com/790-220](http://www.wago.com/790-220)**Item no.: 790-208**

Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm

[www.wago.com/790-208](http://www.wago.com/790-208)**Carrier rail**

## Mounting accessories

**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[www.wago.com/210-197](http://www.wago.com/210-197)**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

[www.wago.com/210-198](http://www.wago.com/210-198)**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

[www.wago.com/210-504](http://www.wago.com/210-504)**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

[www.wago.com/210-505](http://www.wago.com/210-505)**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

[www.wago.com/210-506](http://www.wago.com/210-506)

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|  |  |
|--|--|
| <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored         | <a href="http://www.wago.com/210-508">www.wago.com/210-508</a> |
| <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                  | <a href="http://www.wago.com/210-113">www.wago.com/210-113</a> |
| <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                 | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a> |
| <b>Item no.: 210-112</b><br>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 | <a href="http://www.wago.com/210-112">www.wago.com/210-112</a> |
| <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored                   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a> |
| <b>Item no.: 210-115</b><br>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 | <a href="http://www.wago.com/210-115">www.wago.com/210-115</a> |
| <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored               | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a> |

## Downloads

### Documentation

#### Manual

|   |                         |               |          |
|---|-------------------------|---------------|----------|
| System Manual WAGO I/O System 750/753<br>Decentralized Automation Technology                      | V 3.3.3<br>2023 年8月29 日 | pdf<br>8.7 MB | Download |
| Product Manual PROFIBUS DP/ V1 Fieldbus Coupler<br>EN 50170, 12 MBaud, digital and analog signals | V 1.2.0                 | pdf<br>7.6 MB | Download |
| System Manual Series 750/753<br>Online HTML   |                         | URL           | Download |

#### Bid Text

|                        |              |                |          |
|------------------------|--------------|----------------|----------|
| 750-333<br>X81 - Datei | 2019 年2月19 日 | xml<br>6.2 kB  | Download |
| 750-333<br>doc - Datei | 2017 年7月21 日 | doc<br>29.2 kB | Download |

#### Instruction Leaflet

|                                 |              |                 |          |
|---------------------------------|--------------|-----------------|----------|
| CCC Ex (Additional information) | 2023 年4月26 日 | pdf<br>163.6 kB | Download |
|---------------------------------|--------------|-----------------|----------|

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

WAGO-I/O-SYSTEM \*750-\*\*\*\*/\*

### System Description

|   |  |                 |          |
|---|--|-----------------|----------|
| Overview on WAGO-I/O-SYSTEM 750 approvals               |  | pdf<br>223.5 kB | Download |
| 750/753 Series I/O-System – General Product Information |  | pdf<br>976.2 kB | Download |

### Additional Information

|   |              |               |          |
|---|--------------|---------------|----------|
| Disposal and Recycling                                    | V 1.1.0      | pdf<br>2.2 MB | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 年8月18 日 |               |          |

### Application Notes

#### Application Note CoDeSys 2.3

|  |              |               |          |
|--|--------------|---------------|----------|
| HART Tool Routing via PROFIBUS with 750-833 and 750-333 (a116140)  | 1.0.0        | pdf<br>5.3 MB | Download |
| This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices. Using the Cerabar PMC51 (Endress+Hauser) as an example, connecting any HART sensor to a WAGO PROFIBUS controller and a WAGO PROFIBUS Coupler is explained. The cyclic PROFIBUS Master (750-8208) realizes the data exchange. As an acyclic master, a TH LINK PROFIBUS provides access for the plant asset management applications WAGOframe, PACTware and FieldCare. | 2019 年3月22 日 |               |          |

#### Application note SIEMENS

|  |             |                 |          |
|--|-------------|-----------------|----------|
| Using iPar-Server option with WAGO PROFIsafe modules (a114802)   | V 14.1      | zip<br>133.2 MB | Download |
| Use of WAGO PROFIsafe modules generation 3 and generation 4 in combination under Siemens safety controllers with technologies iPar-Server and TCI. | 2023 年2月7 日 |                 |          |

New version recommended for use with PROFIsafe modules generation 4.

Supported surfaces TIA V15.1, V16, V17 and V18 in combination with CPU1xxF.

Step 7 Classic version available at WAGO IO-Support.

|   |              |               |          |
|---|--------------|---------------|----------|
| PROFIBUS DP & PROFINET IO Diagnose für Siemens CPU 1200 & 1500 (a100211)  | 2.1.0        | zip<br>7.5 MB | Download |
| PROFIBUS DP & PROFINET IO Diagnosebausteine für eine Siemens CPU 1200/1500. Ebenfalls ist ein Baustein zum De-/Aktivieren einzelner Devices am Bus enthalten. | 2019 年12月3 日 |               |          |
| PROFIBUS DP & PROFINET IO Diagnose für Siemens CPU 300 & 400 (a100210)  | 2.0.0        | zip<br>4.0 MB | Download |
|   | 2015 年10月7 日 |               |          |

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



PROFIBUS DP & PROFINET IO Diagnosebausteine für eine Siemens CPU 300/400.  
Ebenfalls ist ein Baustein zum De-/Aktivieren einzelner Devices am Bus enthalten.

## Runtime Software

### Firmware

|  |                      |                 |          |
|--|----------------------|-----------------|----------|
| 0750-0333, Feldbuskoppler PROFIBUS DP<br>WAGO_FW0750-0333_V047405_IX24_S | V 24<br>2023 年1月13 日 | zip<br>433.0 kB | Download |
|--|----------------------|-----------------|----------|

## CAD/CAE-Data

### CAD data

|                      |  |     |          |
|----------------------|--|-----|----------|
| 2D/3D Models 750-333 |  | URL | Download |
|----------------------|--|-----|----------|

### CAE data

|                           |  |     |          |
|---------------------------|--|-----|----------|
| EPLAN Data Portal 750-333 |  | URL | Download |
|---------------------------|--|-----|----------|

|                        |  |     |          |
|------------------------|--|-----|----------|
| WSCAD Universe 750-333 |  | URL | Download |
|------------------------|--|-----|----------|

|                      |  |     |          |
|----------------------|--|-----|----------|
| ZUKEN Portal 750-333 |  | URL | Download |
|----------------------|--|-----|----------|

## Device Files

### Device Description File

|   |                     |               |          |
|---|---------------------|---------------|----------|
| 750-910; GSD files for PROFIBUS / 750, 752, 755, 758 and 767 Series | 6.8<br>2023 年1月15 日 | zip<br>5.5 MB | Download |
|---|---------------------|---------------|----------|

### Device Driver

|  |                         |               |          |
|--|-------------------------|---------------|----------|
| WAGO USB Service Kabel Treiber / Serie 750 und 857 | 6.5.3.0<br>2014 年9月10 日 | zip<br>4.8 MB | Download |
|--|-------------------------|---------------|----------|

## Environmental Product Compliance

### Compliance Search

|  |  |     |          |
|--|--|-----|----------|
| Environmental Product Compliance 750-333<br>Fieldbus Coupler PROFIBUS DP; 2nd Generation; 12 MBd |  | URL | Download |
|--|--|-----|----------|

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



## Installation Notes

## Product family

**WAGO I/O System 750/753**

[Show all products from the family](#)

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