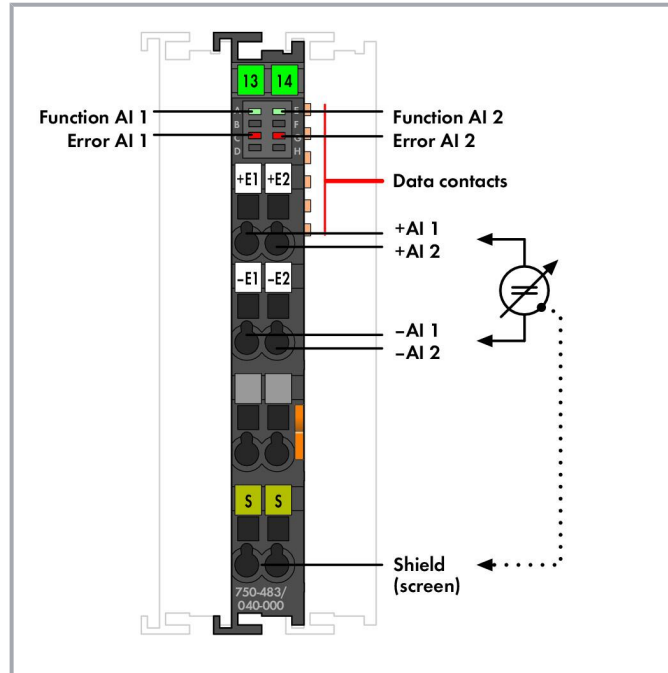
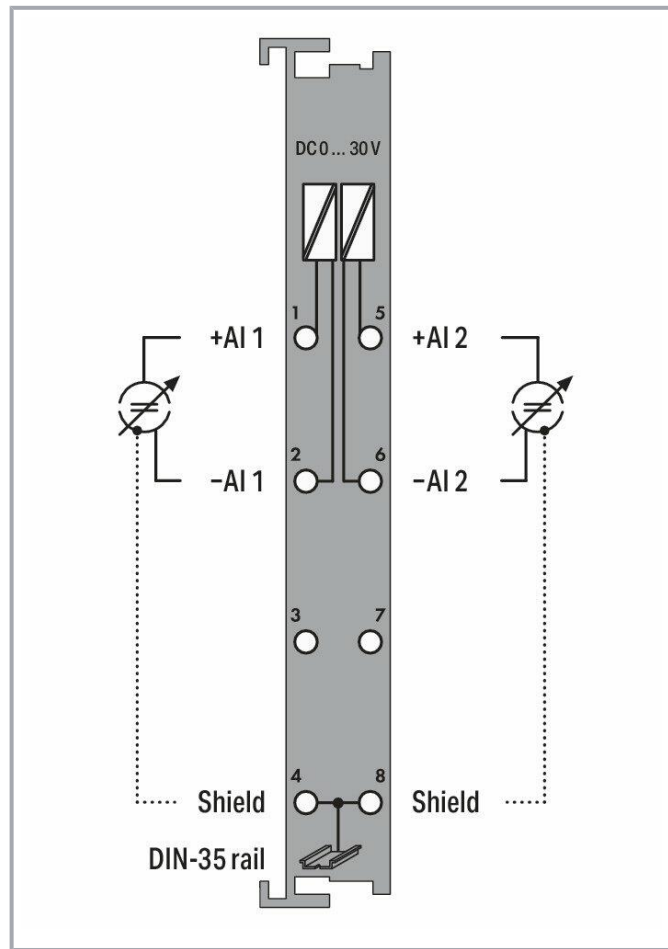
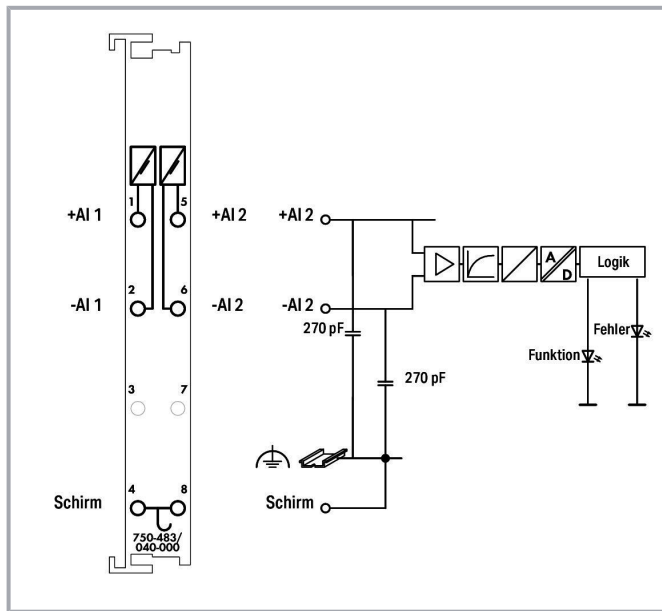




Subject to changes. Please also observe the further product documentation!

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## Item description

This analog input module processes differential signals ranging from 0 to 30 VDC.

The input signal of each channel is electrically isolated and is transmitted with a resolution of 14 bits.

The system supply powers the module.

The shield directly connects to the DIN-rail.

- Measured value acquisition: Time synchronous within the module
- Measurement range overflow/underflow: Status byte and LED
- Conversion method: SAR (Successive Approximation Register)
- Operating mode: Continuously sampling (default)
- Protection: RC circuit

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



The device is ideal for operation in extreme environments thanks to:

- An extended temperature range
- Greater immunity to impulse voltages and electromagnetic interference
- Higher vibration and shock resistance

## Data

### Technical data

|                                                                |                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------|
| Number of analog inputs                                        | 2                                                                       |
| Total number of channels (module)                              | 2                                                                       |
| Signal type                                                    | Voltage                                                                 |
| Signal type (voltage)                                          | 0 ... 30 VDC                                                            |
| Sensor connection                                              | 2 x (2-wire)                                                            |
| Input filter                                                   | Low pass (1st order), $f_G = 5 \text{ kHz}$                             |
| Signal characteristics                                         | Differential                                                            |
| Resolution [bit]                                               | 14 bits                                                                 |
| Data width                                                     | 2 x 16-bit data; 2 x 8-bit control/status (optional)                    |
| Admissible continuous overload                                 | 60 V                                                                    |
| Crosstalk attenuation                                          | 80 dB                                                                   |
| Monotonicity without error code                                | yes                                                                     |
| Internal resistance                                            | 1000 k $\Omega$                                                         |
| Conversion time (typ.)                                         | 1 ms                                                                    |
| Measurement error (reference temperature)                      | 25 °C                                                                   |
| Measurement error, deviation (max.) from the upper-range value | 0.1 %                                                                   |
| Measurement error over entire temperature range                | $\leq 0.4 \text{ %}$                                                    |
| Temperature error (max.) of the upper-range value              | 0.01 %/K                                                                |
| Sampling duration                                              | 5 $\mu\text{s}$                                                         |
| Sampling delay (channel/channel)                               | 1 $\mu\text{s}$                                                         |
| Sampling delay (module)                                        | 1 ms                                                                    |
| Sampling repetition time                                       | 1 ms                                                                    |
| Value of the least significant bit (LSB)                       | 1.8 mV                                                                  |
| Supply voltage (system)                                        | 5 VDC; via data contacts                                                |
| Current consumption (5 V system supply)                        | 80 mA                                                                   |
| Dielectric strength                                            | 510 VAC/775 VDC; per EN 60870-2-1                                       |
| Rated surge voltage                                            | 1 kV                                                                    |
| Indicators                                                     | LED (A, E) green: Function AI 1, AI 2; LED (C, G) red: Error AI 1, AI 2 |

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



## Connection data

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Connection technology: inputs/outputs | 8 x CAGE CLAMP®                   |
| Connection type 1                     | Inputs/Outputs                    |
| Solid conductor                       | 0.25 ... 2.5 mm² / 24 ... 14 AWG  |
| Fine-stranded conductor               | 0.25 ... 2.5 mm² / 24 ... 14 AWG  |
| Strip length                          | 8 ... 9 mm / 0.31 ... 0.35 inches |

## Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 12 mm / 0.472 inches   |
| Height                            | 100 mm / 3.937 inches  |
| Depth                             | 67.8 mm / 2.669 inches |
| Depth from upper-edge of DIN-rail | 60.6 mm / 2.386 inches |

## Mechanical Data

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

## Material data

|                    |                              |
|--------------------|------------------------------|
| Color              | dark gray                    |
| Housing material   | Polycarbonate; polyamide 6.6 |
| Fire load          | 0.953 MJ                     |
| Weight             | 47.2 g                       |
| Conformity marking | CE                           |

## Environmental requirements

|                                          |                                                                                                                                              |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)          | -40 ... +70 °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 (standing/lying); vertical                                                                                                        |
| Relative humidity (without condensation) | 95 %                                                                                                                                         |
| Relative humidity (with condensation)    | Short-term condensation per Class 3K7/IEC EN 60721-3-3 and E-DIN 40046-721-3 (except for wind-driven precipitation, water and ice formation) |

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|                                                                                    |                                                                                                                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration resistance                                                               | per IEC 60068-2-6 (acceleration: 5g), EN 60870-2-2, IEC 60721-3-1, -3, EN 50155; EN 61373                                                                        |
| Shock resistance                                                                   | per IEC 60068-2-27 (15g/11 ms/half-sine/1,000 shocks; 25g/6 ms/1,000 shocks), EN 50155, EN 61373                                                                 |
| EMC immunity to interference                                                       | per EN 61000-6-1, -2; EN 61131-2; marine applications; EN 50121-3-2; EN 50121-4, -5; EN 60255-26; EN 60870-2-1; EN 61850-3; IEC 61000-6-5; IEEE 1613; VDEW: 1994 |
| EMC emission of interference                                                       | per EN 61000-6-3, -4, EN 61131-2, EN 60255-26, marine applications, EN 60870-2-1, EN 61850-3, EN 50121-3-2, EN 50121-4, -5                                       |
| Exposure to pollutants                                                             | Per IEC 60068-2-42 and IEC 60068-2-43                                                                                                                            |
| Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 % | 10 ppm                                                                                                                                                           |
| Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %  | 25 ppm                                                                                                                                                           |

## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-24-26-01   |
| eCl@ss 9.0            | 27-24-26-01   |
| ETIM 8.0              | EC001596      |
| ETIM 7.0              | EC001596      |
| Recupel Type          |               |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4055143673105 |
| Customs tariff number | 85389099990   |

## Environmental Product Compliance

|                                |                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------|
| CAS-No.                        | 1303-86-2<br>1317-36-8<br>7439-92-1                                                             |
| REACH Candidate List Substance | 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)                                                                                    |

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|                                           | 7(c)-I<br>7(c)-II                    |
|-------------------------------------------|--------------------------------------|
| SCIP notification number (Austria)        | 88c29144-d1fc-49b2-8e68-bc055d945552 |
| SCIP notification number (Belgium)        | 898d25f6-cd94-403e-9fcc-ef51e7817aa3 |
| SCIP notification number (Bulgaria)       | 7a92a64f-05df-4616-b841-0155becfd1a2 |
| SCIP notification number (Czech Republic) | 5dd17aab-2422-4151-ae51-1339481a3dd3 |
| SCIP notification number (Denmark)        | 07454096-a8da-4ae0-8da9-e7daafeef134 |
| SCIP notification number (Finland)        | 0545084d-97c4-4589-984b-9639d755fafa |
| SCIP notification number (France)         | dd6bc72b-0bbc-486e-9432-f2b275b45f7b |
| SCIP notification number (Germany)        | 6ebf8f20-f7af-4c94-b2d0-898c1764c386 |
| SCIP notification number (Hungary)        | 8a361b79-0c54-4132-acc4-000b26910056 |
| SCIP notification number (Italy)          | 624f50ee-08ea-4990-9953-2826db409939 |
| SCIP notification number (Netherlands)    | 171d12aa-7759-4576-a076-3878440baf80 |
| SCIP notification number (Poland)         | 3915c769-dabf-4715-bbf4-57b43c0a5b4a |
| SCIP notification number (Romania)        | abf9a16e-6e88-4a20-ad6b-a33a8dc30610 |
| SCIP notification number (Sweden)         | 8839f224-8496-4558-8e17-400be469ac5f |

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                                                  | Additional Approval Text | Certificate name                                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------|------------------------------------------------------|
|  | EAC<br>Brjansker Zertifizierungsstelle                    | TP TC 020/2011           | EAC RU C-DE.AM02.<br>B.00087<br>/19                  |
|  | EAC<br>Brjansker Zertifizierungsstelle                    | TP TC 012/2011           | EAC RU C-DE.AZ58.<br>B.2173-21 e (2Ex e IIC T4 Gc X) |
|  | UL<br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 61010-2-201           | E175199                                              |
|  | UL<br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | -                        | E175199                                              |

### Approvals for marine applications

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

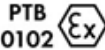
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| Logo                                                                              | Approval                                  | Additional Approval Text | Certificate name      |
|-----------------------------------------------------------------------------------|-------------------------------------------|--------------------------|-----------------------|
|   | <b>ABS</b><br>American Bureau of Shipping | -                        | 22-2208829-PDA        |
|   | <b>DNV</b><br>DNV GL SE                   | -                        | TAA00000Y7            |
|  | <b>LR</b><br>Lloyds Register              | -                        | LR22276776TA          |
|  | <b>PRS</b><br>Polski Rejestr Statków      | -                        | TE/2215<br>/880590/18 |

## Approvals for hazardous areas

| Logo                                                                               | Approval                                                             | Additional Approval Text | Certificate name                                 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------|--------------------------------------------------|
|  | <b>ATEX</b><br>TUEV Nord Cert GmbH                                   | EN 60079-0               | TUEV 17 ATEX 193969X (II 3 G<br>Ex ec IIC T4 Gc) |
|  | <b>CCC</b><br>CNEX                                                   | CNCA-C23-01              | 2020312310000214 (Ex ec IIC<br>T4 Gc)            |
|  | <b>IECEX</b><br>TUEV Nord Cert GmbH                                  | IEC 60079-0              | IECEX TUN 16.0046X (Ex ec<br>IIC T4 Gc)          |
|  | <b>UKEx</b><br>WAGO GmbH & Co. KG                                    | EN 60079-0               | UKCA_WAGO22UKEX005X_ec                           |
|  | <b>UL</b><br>Underwriters Laboratories Inc. (HAZARDOUS<br>LOCATIONS) | UL 121201                | E198726 Sec.1                                    |

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## Optional accessories

### Shield termination

| Shield clamping saddles                                                         |                                                                                                               |                                                                |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 790-116</b><br>Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm | <a href="http://www.wago.com/790-116">www.wago.com/790-116</a> |
|  | <b>Item no.: 790-124</b><br>Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm | <a href="http://www.wago.com/790-124">www.wago.com/790-124</a> |
|  | <b>Item no.: 790-108</b><br>Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm  | <a href="http://www.wago.com/790-108">www.wago.com/790-108</a> |
|  | <b>Item no.: 790-140</b><br>Shield clamping saddle; diameter of compatible conductor                          | <a href="http://www.wago.com/790-140">www.wago.com/790-140</a> |
|  | <b>Item no.: 790-216</b><br>Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm                                 | <a href="http://www.wago.com/790-216">www.wago.com/790-216</a> |
|  | <b>Item no.: 790-220</b><br>Shield clamping saddle; 30 mm wide; 6 ... 20 mm                                   | <a href="http://www.wago.com/790-220">www.wago.com/790-220</a> |
|  | <b>Item no.: 790-208</b><br>Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm                                  | <a href="http://www.wago.com/790-208">www.wago.com/790-208</a> |

### System housing

| System enclosure                                                                   |                                                                                                                                 |                                                                                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|  | <b>Item no.: 850-814/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate        | <a href="http://www.wago.com/850-814/002-000">www.wago.com/850-814/002-000</a> |
|  | <b>Item no.: 850-815/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate        | <a href="http://www.wago.com/850-815/002-000">www.wago.com/850-815/002-000</a> |
|  | <b>Item no.: 850-816/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate        | <a href="http://www.wago.com/850-816/002-000">www.wago.com/850-816/002-000</a> |
|  | <b>Item no.: 850-817/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate        | <a href="http://www.wago.com/850-817/002-000">www.wago.com/850-817/002-000</a> |
|  | <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>                 |

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



**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

[www.wago.com/850-827/002-000](http://www.wago.com/850-827/002-000)**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

[www.wago.com/850-826/002-000](http://www.wago.com/850-826/002-000)**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

[www.wago.com/850-828/002-000](http://www.wago.com/850-828/002-000)**Item no.: 850-828**

IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip

[www.wago.com/850-828](http://www.wago.com/850-828)**Item no.: 850-834**

IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20

[www.wago.com/850-834](http://www.wago.com/850-834)**Item no.: 850-835**

IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip

[www.wago.com/850-835](http://www.wago.com/850-835)**Item no.: 850-836**

IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip

[www.wago.com/850-836](http://www.wago.com/850-836)**Marking accessories****Marker carrier****Item no.: 750-103**

Group marker carrier

[www.wago.com/750-103](http://www.wago.com/750-103)**Marker****Item no.: 2009-145/000-006**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/2009-145/000-006](http://www.wago.com/2009-145/000-006)**Item no.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-145](http://www.wago.com/2009-145)**Item no.: 2009-145/000-002**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)**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)**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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|                                                                                    |                                                                                                                                                   |                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|    | <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 | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
|    | <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  | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
|    | <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 | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |
|    | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue                                    | <a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>   |
|    | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray                                    | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>   |
|    | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow                                  | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>   |
|   | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange                                  | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>   |
|  | <b>Item no.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                                           | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                   |
|  | <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green                             | <a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>   |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red                                     | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>   |
|  | <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet                                  | <a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a>   |
|  | <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green                                   | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>   |
| Group marker carrier                                                               |                                                                                                                                                   |                                                                                  |

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



**Item no.: 750-107**  
Group marker carrier

[www.wago.com/750-107](http://www.wago.com/750-107)

## 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)



**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

[www.wago.com/210-508](http://www.wago.com/210-508)



**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

[www.wago.com/210-113](http://www.wago.com/210-113)



**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

[www.wago.com/210-118](http://www.wago.com/210-118)



**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

[www.wago.com/210-112](http://www.wago.com/210-112)



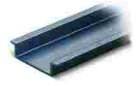
**Item no.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-114](http://www.wago.com/210-114)



**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

[www.wago.com/210-115](http://www.wago.com/210-115)



**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

[www.wago.com/210-196](http://www.wago.com/210-196)

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

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## Downloads

### Documentation

#### Manual

|                                                                                         |                        |               |          |
|-----------------------------------------------------------------------------------------|------------------------|---------------|----------|
| System Manual XTR<br>Basic conditions and recommendations for higher operational safety | V 2.0.1<br>2023 Jun 22 | pdf<br>7.2 MB | Download |
| Product Manual 2-channel, 0-30VDC /XTR<br>Differential measuring input                  | V 1.1.0<br>2019 Sep 17 | pdf<br>2.7 MB | Download |

#### Bid Text

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|--------------------------------|-------------|----------------|----------|
| 750-483/040-000<br>X81 - Datei | 2019 Feb 19 | xml<br>7.7 kB  | Download |
| 750-483/040-000<br>doc - Datei | 2018 Feb 12 | doc<br>32.8 kB | Download |

#### Instruction Leaflet

|                                                                        |             |                 |          |
|------------------------------------------------------------------------|-------------|-----------------|----------|
| CCC Ex (Additional information)<br>WAGO-I/O-SYSTEM *750-****/**40-**** | 2023 Apr 26 | pdf<br>148.1 kB | Download |
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#### System Description

|                                                                                         |                        |                 |          |
|-----------------------------------------------------------------------------------------|------------------------|-----------------|----------|
| System Manual XTR<br>Basic conditions and recommendations for higher operational safety | V 2.0.1<br>2023 Jun 22 | pdf<br>7.2 MB   | Download |
| 750 XTR Series I/O-System – General Product Information                                 |                        | pdf<br>743.5 kB | Download |
| Overview on WAGO-I/O-SYSTEM 750 approvals                                               |                        | pdf<br>223.5 kB | Download |

#### Additional Information

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

## CAD/CAE-Data

### CAD data

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2D/3D Models 750-483/040-000

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#### CAE data

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2-channel analog input; 0 ... 30 VDC; Differential input; Extreme

### Installation Notes

#### Product family

##### WAGO I/O System 750 XTR

I/O-System 750 XTR: Dort automatisieren, wo jedes andere System an seine Grenzen stößt – und das zuverlässig und wirtschaftlich! XTR – dieses Kürzel im Systemnamen steht für extremen Schutz vor klimatischen Einflüssen, Schwingungen, Erschütterungen und Überspannungen.

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