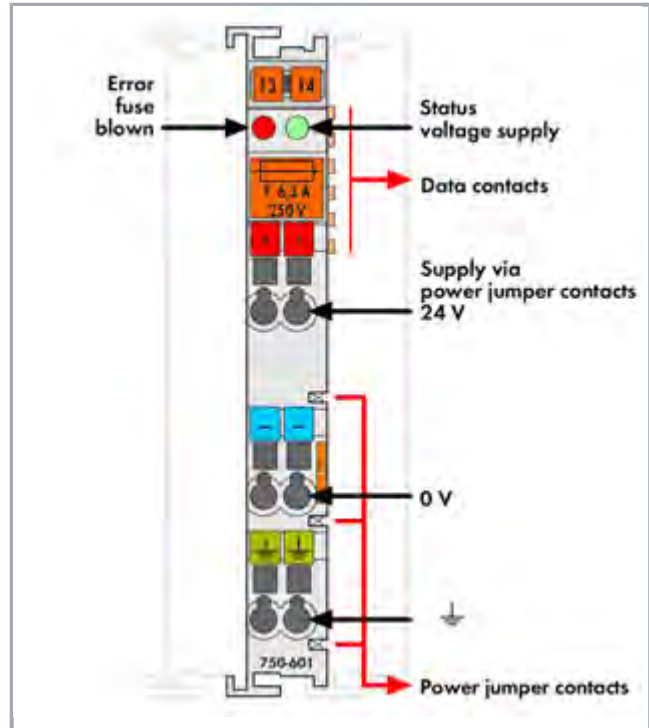
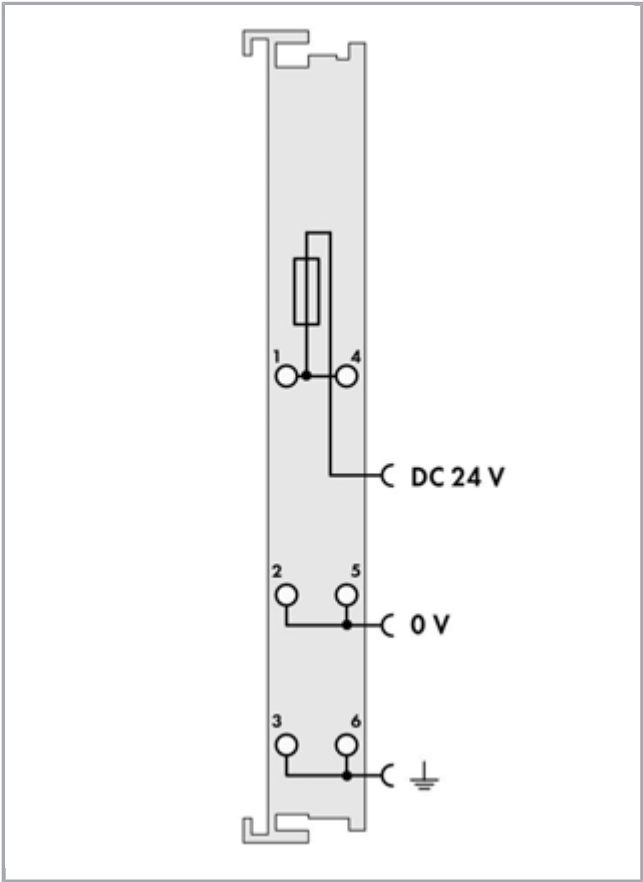
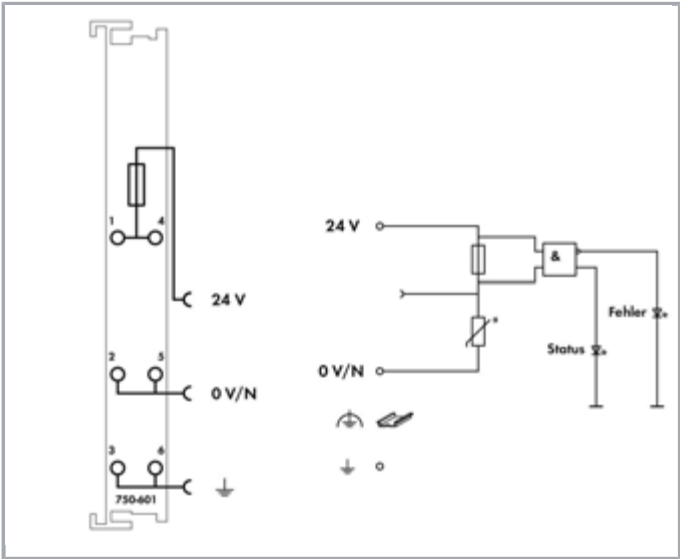




Subject to changes. Please also observe the further product documentation!



Item description

This supply module provides the I/O modules with the corresponding supply potential.

The maximum current provided by the supply module is 6.3 A. When configuring the system, the total current must not be exceeded. Should higher currents be necessary, an intermediate supply module must be added to the assembly.

This module is fuse-protected (5 x 20 mm). The fuse can be changed quickly, with ease, from the retractable fuse carrier.

A blown fuse is indicated by a LED.

Data  
Technical Data

|                         |                                                                      |
|-------------------------|----------------------------------------------------------------------|
| Signal type             | Voltage                                                              |
| Voltage signal type     | DC 24 V                                                              |
| Fuse                    | 5 x 20; T 6.3 A (not included)                                       |
| Supply voltage (system) | DC 5 V; via data contacts                                            |
| Supply voltage (field)  | DC 24 V (-25 ... +30 %); via power jumper contacts (power supply via |

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



|                                                   |                                                          |
|---------------------------------------------------|----------------------------------------------------------|
|                                                   | CAGE CLAMP® connection; transmission via spring contact) |
| Number of outgoing power jumper contacts          | 3                                                        |
| Current carrying capacity (power jumper contacts) | 6.3 A                                                    |

### Connection data

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Connection technology: field supply | 6 x CAGE CLAMP®                  |
| Connection type (1)                 | 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 inch  |

### Geometrical Data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 12 mm / 0.472 inch   |
| Height                            | 100 mm / 3.937 inch  |
| Depth                             | 69.8 mm / 2.748 inch |
| Depth from upper edge of DIN-rail | 62.6 mm / 2.465 inch |

### Mechanical data

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

### Material Data

|                    |                              |
|--------------------|------------------------------|
| Color              | light gray                   |
| Housing material   | Polycarbonate, polyamide 6.6 |
| Fire load          | 1.148 MJ                     |
| Weight             | 46.5 g                       |
| Conformity marking | CE                           |

### Environmental Requirements

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| Surrounding air temperature (operation)  | 0 ... 55 °C                           |
| Surrounding air temperature (storage)    | -40 ... 85 °C                         |
| Protection type                          | IP20                                  |
| Pollution degree (5)                     | 2 per IEC 61131-2                     |
| Operating altitude                       | 0 ... 2000 m                          |
| Mounting position                        | horizontal (standing/lying); vertical |
| Relative humidity (without condensation) | 95 %                                  |

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

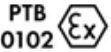
|                                                                                    |                                       |
|------------------------------------------------------------------------------------|---------------------------------------|
| Vibration resistance                                                               | 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                                |

## Commercial data

|                       |                 |
|-----------------------|-----------------|
| Product Group         | 15 (Remote I/O) |
| Packaging type        | BOX             |
| Country of origin     | DE              |
| GTIN                  | 4045454415297   |
| Customs tariff number | 85389091890     |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                                                          | Additional Approval Text | Certificate name                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------|-----------------------------------|
|  | <b>ATEX</b><br>TUEV Nord Cert GmbH                                | EN 60079-0               | TÜV 07<br>ATEX<br>554086 X<br>en. |
|  | <b>TUEV Nord</b><br>TUEV Nord Cert GmbH                           | IEC 60079-0              | IECEx<br>TUN<br>09.0001 X         |
|  | <b>UL</b><br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | UL 121201                | E198726<br>Sec.1                  |

### Country specific Approvals

| Logo | Approval                                    | Additional Approval Text | Certificate name            |
|------|---------------------------------------------|--------------------------|-----------------------------|
|      | <b>KC</b><br>National Radio Research Agency | Article 58-2, Clause 3   | MSIP-<br>REM-W43-<br>SPP750 |

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



## Ship Approvals

| Logo                                                                                | Approval                                                | Additional Approval Text | Certificate name         |
|-------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
|     | <b>ABS</b><br>American Bureau of Shipping               | -                        | 19-<br>HG1821926         |
|    | <b>BV</b><br>Bureau Veritas S.A.                        | -                        | 13453/DO BV              |
|     | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAA0000194               |
|    | <b>KR</b><br>Korean Register of Shipping                | -                        | KR<br>HMB05880-<br>AC001 |
|  | <b>LR</b><br>Lloyds Register                            | -                        | 02/20026 (E6)            |
|   | <b>NK</b><br>Nippon Kaiji Kyokai                        | -                        | TA17255M                 |
|  | <b>PRS</b><br>Polski Rejestr Statków                    | -                        | TE/2236<br>/880590/19    |
|   | <b>RINA</b><br>RINA Germany GmbH                        | -                        | ELE066419XG              |

## UL-Approvals

Certificate

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

| Logo                                                                             | Approval                                                     | Additional Approval Text | name             |
|----------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------|------------------|
|  | UL<br>UL International Netherlands B.V. (ORDINARY LOCATIONS) | UL 508                   | E175199<br>Sec.1 |

## Compatible products

### system box


**Item no.: 850-804**

IP65 enclosure; Stainless steel; WxHxD (400x123x200 mm); 4 x M20, 16 x M16, 28 x M12 cable grip


**Item no.: 850-804/000-001**

IP65 enclosure; Stainless steel; WxHxD (400x123x200 mm); 2 x M20, 13 x M16, 32 x M12 cable grip


**Item no.: 850-805**

IP65 enclosure; Stainless steel; WxHxD (600x123x200 mm); 4 x M20, 19 x M16, 67 x M12 cable grip


**Item no.: 850-814/002-000**

IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate


**Item no.: 850-815/002-000**

IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate


**Item no.: 850-816/002-000**

IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate


**Item no.: 850-817/002-000**

IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate


**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.: 850-826/002-000**

IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip

**Item no.: 850-827**

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



IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 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**

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



**Item no.: 850-828/002-000**

IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip



**Item no.: 850-834**

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



**Item no.: 850-835**

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



**Item no.: 850-836**

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

#### Marking accessories



**Item no.: 2009-145**

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



**Item no.: 2009-145/000-002**

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



**Item no.: 2009-145/000-005**

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



**Item no.: 2009-145/000-006**

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



**Item no.: 2009-145/000-007**

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



**Item no.: 2009-145/000-012**

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



**Item no.: 2009-145/000-023**

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

**Item no.: 2009-145/000-024**

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



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



**Item no.: 248-501**

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card



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

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



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

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



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

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



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

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



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

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



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

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



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

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



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

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



**Item no.: 750-100**

Marker card; as a DIN A4 sheet; plain; white



**Item no.: 750-103**

Group marker carrier; transparent



**Item no.: 750-106**

Group marker carrier; transparent

**Carrier rail**



**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

**Item no.: 210-113**

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





Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715



**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715



**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



**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715



**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.: 210-197**

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



**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.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715



**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715



**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715



**Item no.: 210-508**

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

#### shield connection



**Item no.: 790-108**

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



**Item no.: 790-116**

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



**Item no.: 790-124**

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



**Item no.: 790-140**

Shield clamping saddle; diameter of compatible conductor



**Item no.: 790-208**

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



**Item no.: 790-216**

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



**Item no.: 790-220**

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

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



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## Downloads

### Documentation

#### Manual

|                                                              |         |
|--------------------------------------------------------------|---------|
| 24VDC, Power Supply<br>without diagnostics, with fuse holder | V 1.2.0 |
|--------------------------------------------------------------|---------|

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#### Bid Text

|                             |              |
|-----------------------------|--------------|
| 750-601<br>GAEB X81 - Datei | Feb 19, 2019 |
|-----------------------------|--------------|

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|                        |             |
|------------------------|-------------|
| 750-601<br>doc - Datei | Oct 6, 2017 |
|------------------------|-------------|

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#### Additional Information

|                                                          |         |
|----------------------------------------------------------|---------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 |
|----------------------------------------------------------|---------|

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#### System Description

|                                                                                    |         |
|------------------------------------------------------------------------------------|---------|
| Design Notes<br>Basic conditions and recommendations for higher operational safety | V 2.0.0 |
|------------------------------------------------------------------------------------|---------|

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750/753 Series I/O-System – General Product Information

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Overview on WAGO-I/O-SYSTEM 750 approvals

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|                                                                                        |         |
|----------------------------------------------------------------------------------------|---------|
| Use in Hazardous Environments<br>Term definition, marking and installation regulations | V 1.0.0 |
|----------------------------------------------------------------------------------------|---------|

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#### CAD/CAE-Data

##### CAD data

2D/3D Models 750-601

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##### CAE data

EPLAN Data Portal 750-601

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

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WSCAD Universe 750-601

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ZUKEN Portal 750-601

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## Device Files

### Device Driver

WAGO USB Service Kabel Treiber / Serie 750 und 857

6.5.3.0

Sep 10, 2014

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## Product family

**750/753 Series – I/O System**

[Show all products from the family](#)

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

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