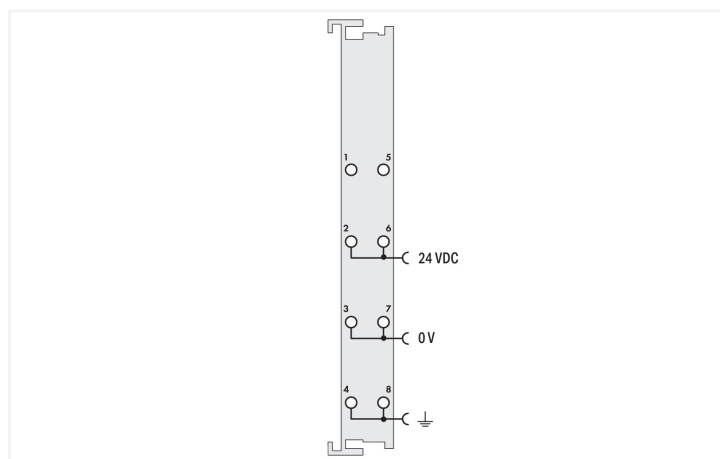
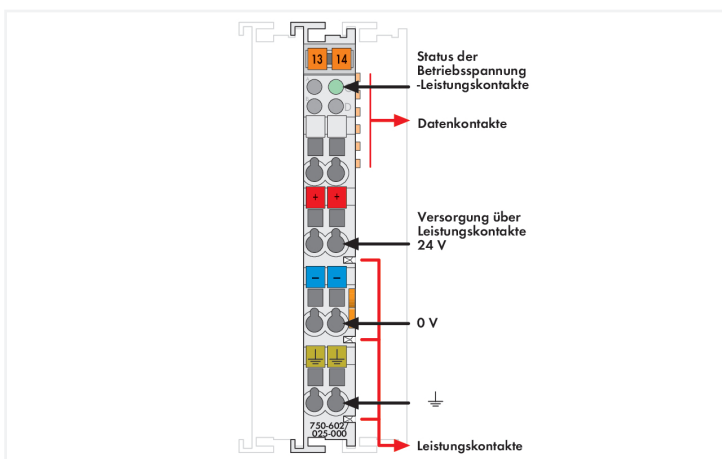


Color: ■ light gray



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

The maximum current provided by the supply module is 10 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.

Technical data

| | |
|---|--|
| Signal type | Voltage |
| Signal type (voltage) | 24 VDC |
| Supply voltage (system) | 5 VDC; via data contacts |
| Supply voltage (field) | 24 VDC (-25 ... +30 %); via power jumper contacts (power supply via CAGE CLAMP® connection; transmission (field-side supply voltage only) via spring contact |
| Current carrying capacity (power jumper contacts) | 10 A |
| Number of outgoing power jumper contacts | 3 |
| Indicators | LED (C) green: operating voltage status, power jumper contacts |

Connection Data

| | |
|-------------------------------------|--|
| Connectable conductor materials | Copper |
| Connection type | Field supply |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Connection technology: field supply | 6 x CAGE CLAMP® |

Physical data

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

Mechanical data

| | |
|---------------------|-------------|
| Mounting type | DIN-35 rail |
| Pluggable connector | fixed |

Material data

| | |
|--------------------|------------------------------|
| Color | light gray |
| Housing material | Polycarbonate; polyamide 6.6 |
| Fire load | 1.037 MJ |
| Weight | 44 g |
| Conformity marking | CE |

Environmental requirements

| | |
|--|---|
| Ambient temperature (operation) | -20 ... +60 °C |
| Ambient temperature (storage) | -40 ... +85 °C |
| Protection type | IP20 |
| Pollution degree | 2 per IEC 61131-2 |
| Operating altitude | 0 ... 2000 m / 0 ... 6562 ft |
| Mounting position | Horizontal left, horizontal right, horizontal top, horizontal bottom, vertical top and vertical bottom |
| Relative humidity (without condensation) | 95 % |
| Relative humidity (with condensation) | Short-term condensation per Class 3K6/IEC EN 60721-3-3 and E-DIN 40046-721-3, accounting for a temperature range of -20 to +60 °C (except for wind-driven precipitation, water and ice formation) |
| Vibration resistance | 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 ₂ S contaminant concentration at a relative humidity 75 % | 10 ppm |
| Permissible SO ₂ contaminant concentration at a relative humidity 75 % | 25 ppm |

Commercial data

| | |
|-----------------------|-----------------|
| Product Group | 15 (I/O System) |
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454713690 |
| Customs tariff number | 85389091890 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121410 |
| eCl@ss 10.0 | 27-24-26-10 |
| eCl@ss 9.0 | 27-24-26-10 |
| ETIM 9.0 | EC001600 |
| ETIM 10.0 | EC001600 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

| | |
|---|--|
| CAS-No. | 25550-51-0 |
| REACH Candidate List Substance | 4-Methyl-1,2-cyclohexanedicarboxylic anhydride |
| RoHS Compliance Status | Compliant, No Exemption |
| SCIP notification number (Austria) | 876ba9aa-4cee-42fb-a1a4-4bb7c3afae2e |
| SCIP notification number (Belgium) | ce81da34-e892-4be5-adfd-8d4d95113908 |
| SCIP notification number (Bulgaria) | 4882de39-01c9-4f0e-b73a-bd25c53bbb13 |
| SCIP notification number (Czech Republic) | 09de7c4f-ea20-44ea-b6de-2557bdc7e3f0 |
| SCIP notification number (Denmark) | 72d79e96-e122-45d9-9917-0df985440334 |
| SCIP notification number (Finland) | f05ec8c0-c629-4c22-b243-de410395fffd |
| SCIP notification number (France) | 4fa29c57-ccdc-4cf6-9d9e-5f33f829505d |
| SCIP notification number (Germany) | 15cb8b7f-723a-4120-b4d1-d73afd2d3182 |
| SCIP notification number (Hungary) | d23916fc-06c4-4b7d-9bc3-ab0a3aa368c4 |
| SCIP notification number (Italy) | 550f3d03-f37c-442b-aae7-214428efdc8f |
| SCIP notification number (Netherlands) | e4617bc3-6942-470e-97cc-543ab56161c2 |
| SCIP notification number (Poland) | 96dfd9d6-5fde-4b9c-a40b-f24107d5524f |
| SCIP notification number (Romania) | 3f71d94c-c58b-48db-86b9-3b36ea62721d |
| SCIP notification number (Sweden) | 04d40687-f427-43c7-bd59-75e4bd137a0e |

Approvals / Certificates

General approvals

Declarations of conformity and manufacturer's declarations



| Approval | Standard | Certificate Name |
|---|------------------------|---------------------|
| EAC GZO Almaty Standart | TP TC 020/2011 | EAC CoC 03083 |
| KC National Radio Research Agency | Article 58-2, Clause 3 | MSIP-REM-W43-SPP750 |
| UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 508 | E175199 |

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

Approvals for marine applications



| Approval | Standard | Certificate Name |
|---|------------------------|-------------------|
| ABS American Bureau of Ship- ping | - | 22-2227356-PDA |
| BSH Bundesamt fuer See- schifffahrt und Hydrogra- phie | - | 1104 |
| DNV DNV Germany GmbH | DNV-CG-0339, Aug. 2021 | TAA00001J4 |
| LR Lloyds Register | - | LR2475997TA |
| PRS Polski Rejestr Statków | - | TE/1102/880590/23 |

Approvals for hazardous areas



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

Downloads

Environmental Product Compliance

| Compliance Search |
|--|
| Environmental Product Compliance 750-602/025-000 ↓ |

Documentation

| Manual | | | |
|---------------------------------|--|------------------|-------------------|
| Product Manual 24 V DC | 2736658955 6 en-US 2025-09-23 14:32 12.11.2025 | pdf 840.42 KB | ↓ |
| System Manual Series 750/753 | | | ↓ |

| System Description | | |
|--|--|------------------------------------|
| 750/753 Series I/O- System – General Pro- duct Information | | pdf 953.35 KB ↓ |
| Overview on WAGO-I/ O-SYSTEM 750 appro- vals | | pdf 770.48 KB ↓ |

| Bid Text | | | |
|-----------------|------------|-----------------|-------------------|
| 750-602/025-000 | 19.02.2019 | xml 3.58 KB | ↓ |
| 750-602/025-000 | 06.10.2017 | doc 24.00 KB | ↓ |

| Instruction Leaflet | | | |
|--------------------------------------|------------|------------------|-------------------|
| CCC Ex (Additional in- formation) | 26.04.2023 | pdf 159.76 KB | ↓ |

CAD/CAE-Data

| CAD data | CAE data |
|---------------------------------|--------------------------------------|
| 2D/3D Models 750-602/025-000 | EPLAN Data Portal 750-602/025-000 |
| | WSCAD Universe 750-602/025-000 |
| | ZUKEN Portal 750-602/025-000 |

Device Files

| Device Driver | | | |
|--|-----------------------|-------------------|--|
| WAGO USB Service Kabel Treiber / Serie 750 und 857 | 6.5.3.0 10.09.2014 | zip 4721.96 KB | |

1 Compatible Products

1.1 Optional Accessories

1.1.1 DIN-rail

1.1.1.1 Mounting accessories

| | | | |
|--|--|--|---|
| <p>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</p> | <p>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</p> | <p>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</p> | <p>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</p> |
| <p>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</p> | <p>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</p> | <p>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</p> | <p>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</p> |

1.1.2 Marking











1.1.2.1 Group marker carrier

| |
|--|
| <p>Item No.: 750-106 Group marker carrier</p> |
|--|


1.1.2.2 Marker

| | | | |
|---|---|---|--|
| <p>Item No.: 750-100 Marker card; as a DIN A4 sheet; plain</p> | <p>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</p> | <p>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</p> | <p>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</p> |
| <p>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</p> | <p>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</p> | <p>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</p> | <p>Item No.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p> |

1.1.2.2 Marker






| | | | |
|---|--|---|--|
|  <p>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</p> |  <p>Item No.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p> |  <p>Item No.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p> |  <p>Item No.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p> |
|  <p>Item No.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p> |  <p>Item No.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p> |  <p>Item No.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p> |  <p>Item No.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p> |
|  <p>Item No.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white</p> |  <p>Item No.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p> | | |

1.1.2.3 Marker carrier

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

1.1.3 Shield termination

1.1.3.1 Shield clamping saddles

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

1.1.4 System enclosure

1.1.4.1 System enclosure

| | | | |
|---|---|---|--|
|  <p>Item No.: 850-825 IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20</p> |  <p>Item No.: 850-826 IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip</p> |  <p>Item No.: 850-827 IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip</p> |  <p>Item No.: 850-828 IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip</p> |
|  <p>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</p> |  <p>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</p> |  <p>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</p> |  <p>Item No.: 850-834 IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20</p> |
|  <p>Item No.: 850-835 IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip</p> |  <p>Item No.: 850-836 IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip</p> |  <p>Item No.: 850-814/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate</p> |  <p>Item No.: 850-815/002-000 IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate</p> |

1.1.4.1 System enclosure



Item No.: [850-816/002-000](#)

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

Item No.: [850-817/002-000](#)

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