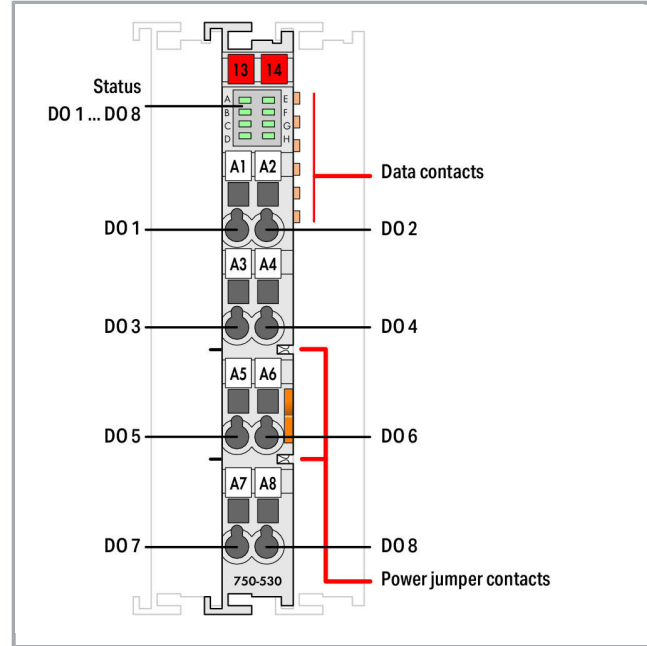
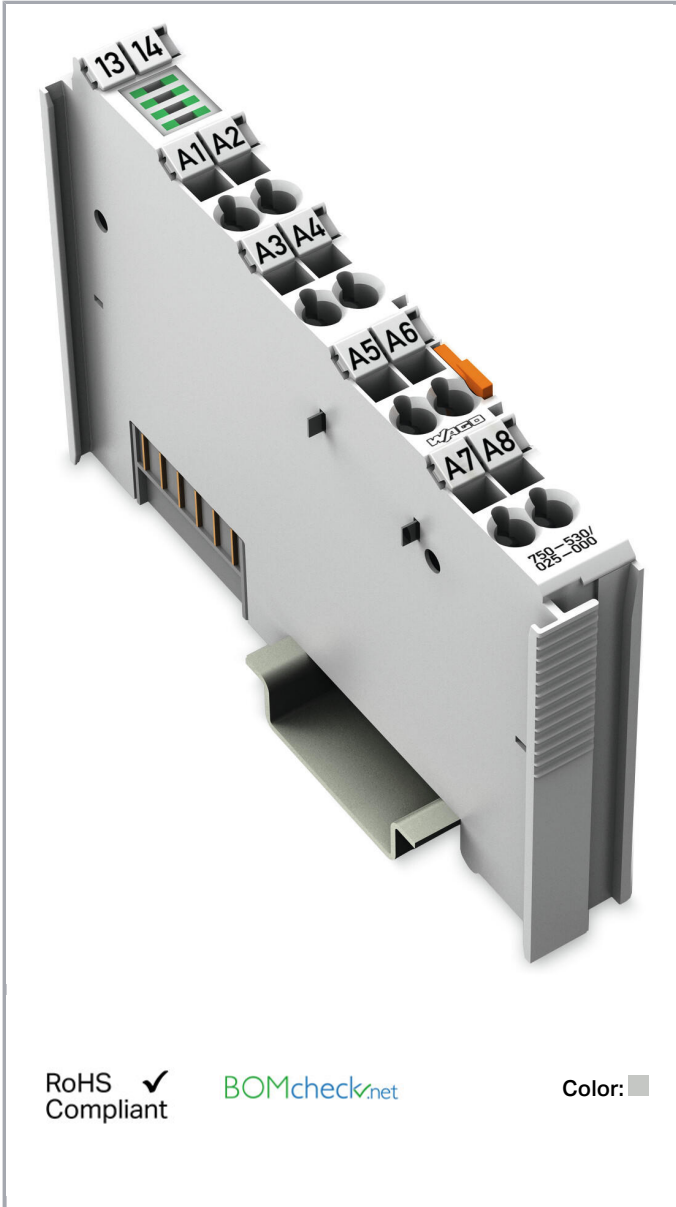


Data sheet | Item number: 750-530/025-000

8-channel digital output; 24 VDC; 0.5 A; Ext. Temperature; light gray

www.wago.com/750-530/025-000



RoHS Compliant

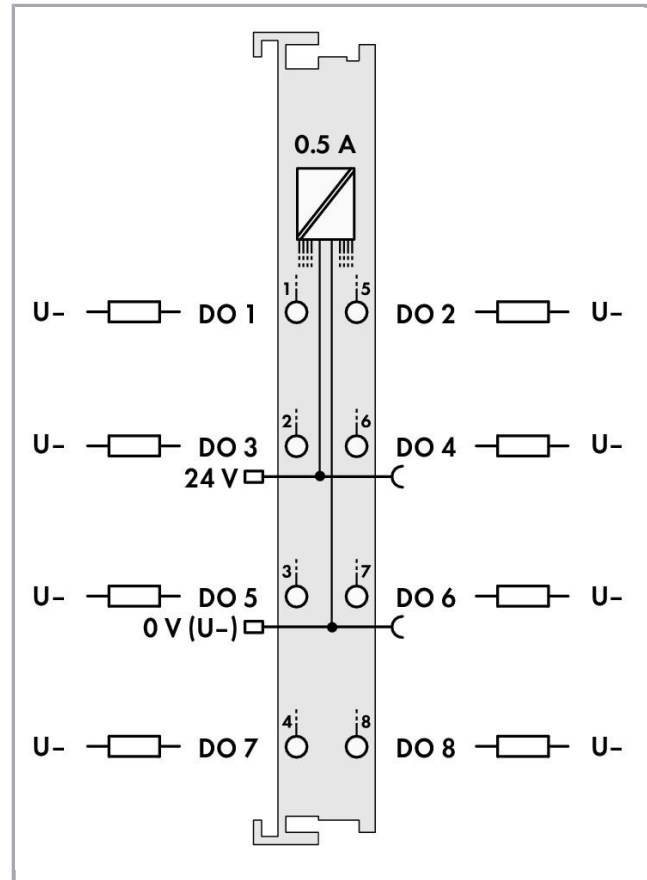
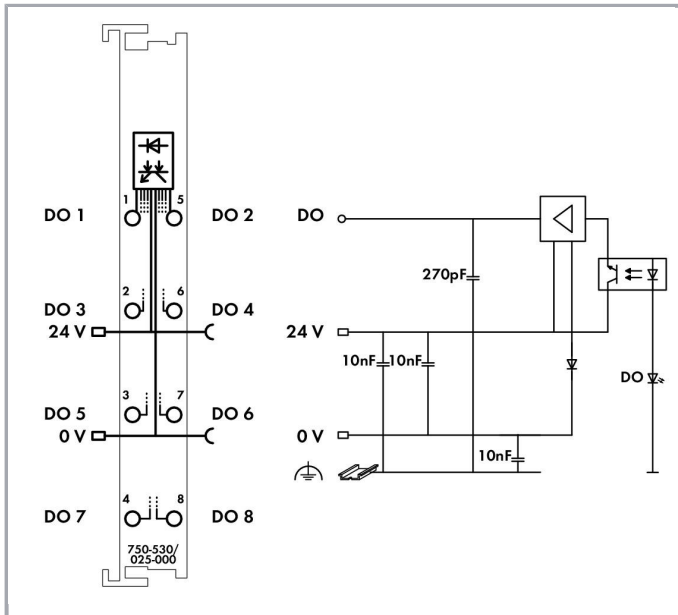
[BOMcheck.net](https://www.bomcheck.net)

Color:

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

This digital output module features eight channels in a width of just 12 mm (0.47 inch).

The module transmits control signals from the automation device to the connected actuators.

All outputs are short-circuit-protected.

Field and system levels are electrically isolated.

Data

Technical Data

| | |
|-----------------------------------|--------------|
| Number of digital outputs | 8 |
| Total number of channels (module) | 8 |
| Type of signal | Voltage |
| Type of signal voltage | DC 24 V |
| Actuator connection | 8 x (1-wire) |

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



| | |
|--|--|
| Output characteristic | high-side switching |
| Output current per channel | 0.5 A |
| Output current | short-circuit-protected |
| Switching frequency max. | 2 kHz |
| Type of load | Resistive, inductive, lamp load |
| Inductive load switch-off energy dissipation W (max.) | 0.9 J |
| Max output data width (internal) | 8 Bit |
| System supply voltage | DC 5 V; via data contacts |
| Current consumption, system supply (5 V) | 25 mA |
| Field supply voltage | DC 24 V (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact) |
| Current consumption, field supply (module with no external load) | 15 mA |
| Isolation | 500 V system/field |
| Indicators | LED (A-H) green: Status DO 1 ... DO 8 |
| Number of incoming power jumper contacts | 2 |
| Number of outgoing power jumper contacts | 2 |
| Current carrying capacity of the power jumper contacts | 10 A |

Connection data

| | |
|------------------------------------|--|
| Connection technology: In-/Outputs | 8 x CAGE CLAMP® |
| Connection type (1) | Inputs/Outputs |
| 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 inch |

Geometrical Data

| | |
|---------------------------------------|----------------------|
| Width | 12 mm / 0.472 inch |
| Height | 67,8 mm / 2.669 inch |
| Height from upper-edge of DIN-35 rail | 60,6 mm / 2.386 inch |
| Depth | 100 mm / 3.937 inch |

Mechanical data

| | |
|------------------|-------------|
| Type of mounting | DIN-35 rail |
|------------------|-------------|

Material Data

| | |
|-------|------------|
| Color | light gray |
|-------|------------|

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



| | |
|--------------------|------------------------------|
| Housing material | Polycarbonate, polyamide 6.6 |
| Weight | 49 g |
| Conformity marking | CE |

Environmental Requirements

| | |
|--|---|
| Surrounding air (operating) temperature | -20 ... 60 °C |
| Surrounding air (storage) temperature | -40 ... 85 °C |
| Protection class | IP20 |
| Degree of pollution (5) | 2 per IEC 61131-2 |
| Operating altitude | 0 ... 2000 m |
| Mounting position | horizontal (standing/lying); vertical |
| Relative air humidity (no condensation) | 95 % |
| Relative humidity | 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 (Remote I/O) |
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4045454753450 |
| Customs Tariff No. | 85371098990 |

Approvals / Certificates

Ex-Approvals


| Logo | Approval | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
| | UL Underwriters Laboratories Inc. (HAZARDOUS) | UL 121201 | E198726 Sec.1 |

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







LOCATIONS)


Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|-----------------------------|
|  | KC National Radio Research Agency | Article 58-2, Clause 3 | MSIP- REM-W43- DOM750 |

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|--|--------------------------|--------------------------|
|  | ABS American Bureau of Shipping | - | 19- HG1821812- PDA |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAA00001J4 |
|  | LR Lloyds Register | - | LR_19_20048 |
|  | PRS Polski Rejestr Statków | - | TE/2237 /880590/19 |

UL-Approvals

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

Counterpart

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

WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.

Compatible products

Supply module

| | |
|--|--|
| Item no.: 750-602/025-000 Power Supply; 24 VDC; Ext. Temperature; light gray | www.wago.com/750-602/025-000 |
|--|--|

shield connection

| | |
|--|--|
| Item no.: 790-108 Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm | www.wago.com/790-108 |
|--|--|

| | |
|---|--|
| Item no.: 790-116 Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm | 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 |
|---|--|

| | |
|--|--|
| Item no.: 790-140 Shield clamping saddle; diameter of compatible conductor | www.wago.com/790-140 |
|--|--|



| | |
|--|--|
| Item no.: 790-208 Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm | www.wago.com/790-208 |
|--|--|




| | |
|---|--|
| Item no.: 790-216 Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm | www.wago.com/790-216 |
|---|--|





| | |
|---|--|
| Item no.: 790-220 Shield clamping saddle; 30 mm wide; 6 ... 20 mm | www.wago.com/790-220 |
|---|--|

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 | 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; white | www.wago.com/2009-145/000-002 |
|--|--|

| | |
|---|--|
|  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 |
|---|--|

| | |
|--|--|
|  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 |
|--|--|

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

| | | |
|--|---|---|
|  | <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; white</p> | <p>www.wago.com/2009-145/000-007</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>www.wago.com/2009-145/000-012</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>www.wago.com/2009-145/000-023</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>www.wago.com/2009-145/000-024</p> |
| | <p>Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card</p> | <p>www.wago.com/248-501</p> |
|  | <p>Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p> | <p>www.wago.com/248-501/000-002</p> |
|  | <p>Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p> | <p>www.wago.com/248-501/000-005</p> |
|  | <p>Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p> | <p>www.wago.com/248-501/000-006</p> |
|  | <p>Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p> | <p>www.wago.com/248-501/000-007</p> |
| | <p>Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p> | <p>www.wago.com/248-501/000-012</p> |
| | <p>Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p> | <p>www.wago.com/248-501/000-017</p> |
|  | <p>Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p> | <p>www.wago.com/248-501/000-023</p> |
| | <p>Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p> | <p>www.wago.com/248-501/000-024</p> |
|  | <p>Item no.: 750-103 Group marker carrier; transparent</p> | <p>www.wago.com/750-103</p> |

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



Item no.: 750-107
Group marker carrier; transparent

www.wago.com/750-107

system box

Item no.: 850-804
IP65 enclosure; Stainless steel; WxHxD (400x123x200 mm); 4 x M20, 16 x M16, 28 x M12 cable grip www.wago.com/850-804



Item no.: 850-804/000-001
IP65 enclosure; Stainless steel; WxHxD (400x123x200 mm); 2 x M20, 13 x M16, 32 x M12 cable grip www.wago.com/850-804/000-001



Item no.: 850-805
IP65 enclosure; Stainless steel; WxHxD (600x123x200 mm); 4 x M20, 19 x M16, 67 x M12 cable grip www.wago.com/850-805

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

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



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



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



Item no.: 850-825
IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20 www.wago.com/850-825



Item no.: 850-826
IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip www.wago.com/850-826



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



Item no.: 850-827
IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip www.wago.com/850-827

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



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

Item no.: 850-828/002-000

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

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



Item no.: 850-834

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

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



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

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

www.wago.com/210-112

Item no.: 210-113

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

www.wago.com/210-113

Item no.: 210-114

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

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

www.wago.com/210-115



Item no.: 210-118

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

www.wago.com/210-118



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

Item no.: 210-197

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

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

Item no.: 210-504

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

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

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

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

www.wago.com/210-508

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



Downloads

Documentation

Manual

| | | | |
|--|---------|---------------|----------|
| 8-channel, 24VDC, 0.5A short-circuit protected, high-side switching | V 1.2.0 | pdf 2.1 MB | Download |
|--|---------|---------------|----------|

Additional Information

| | | | |
|--|---------|-----------------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf 265.8 kB | Download |
|--|---------|-----------------|----------|

System Description

| | | | |
|--|---------|---------------|----------|
| Use in Hazardous Environments Term definition, marking and installation regulations | V 1.0.0 | pdf 1.0 MB | Download |
|--|---------|---------------|----------|

| | | | |
|--|---------|---------------|----------|
| Design Notes Basic conditions and recommendations for higher operational safety | V 2.0.0 | pdf 1.5 MB | Download |
|--|---------|---------------|----------|

| | | | |
|---|--|-----------------|----------|
| Overview on WAGO-I/O-SYSTEM 750 approvals | | pdf 780.2 kB | Download |
|---|--|-----------------|----------|

| | | | |
|---|--|---------------|----------|
| 750/753 Series I/O-System – General Product Information | | pdf 1.7 MB | Download |
|---|--|---------------|----------|

CAD/CAE-Data

CAD data

| | | | |
|------------------------------|--|-----|----------|
| 2D/3D Models 750-530/025-000 | | URL | Download |
|------------------------------|--|-----|----------|

CAE data

| | | | |
|-----------------------------------|--|-----|----------|
| EPLAN Data Portal 750-530/025-000 | | URL | Download |
|-----------------------------------|--|-----|----------|

| | | | |
|--------------------------------|--|-----|----------|
| WSCAD Universe 750-530/025-000 | | URL | Download |
|--------------------------------|--|-----|----------|

Device Files

Device Driver

WAGO USB Service Kabel Treiber / Serie 750 und 857

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



... 750-530-025-000 (zip) | 4.8 MB | 6.5.3.0 | Sep 10, 2014

6.5.3.0
Sep 10, 2014

zip
4.8 MB

Download

Installation Notes

Product family

750/753 Series – I/O System

[Show all products from the family](#)

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.