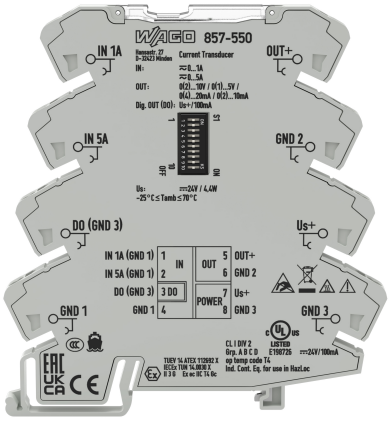
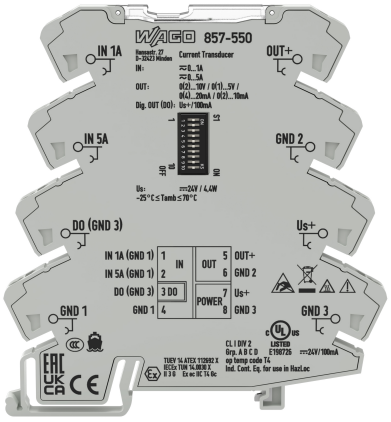
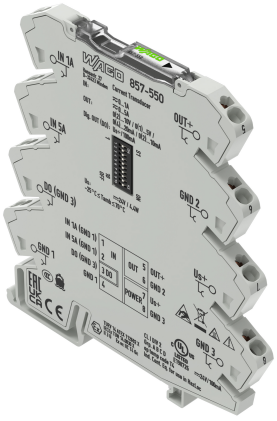
# Data Sheet | Item Number: 857-550

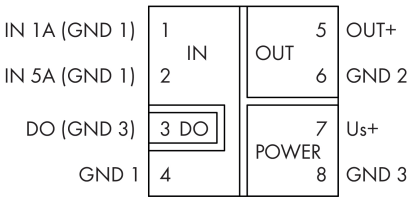
Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width; 2,50 mm²

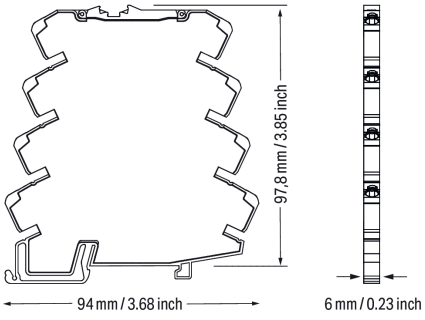
https://www.wago.com/857-550








857-550

DIP Switch Adjustability

● = ON  Default

DIP Switch S1

| Input Signal | | Measurement Method | | Filter | | Output Signal | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | | 3 | | 4 | 5 | 6 | |
| | 5 A | | Mean square value | | off | | | | 0 ... 20 mA |
| ● | 1 A | ● | Arithmetic mean value | ● | active | | ● | | 4 ... 20 mA |
| | | | | | | ● | | | 0 ... 10 V |
| | | | | | | ● | ● | | 2 ... 10 V |
| | | | | | | | | ● | 0 ... 10 mA |
| | | | | | | | ● | ● | 2 ... 10 mA |
| | | | | | | ● | | ● | 0 ... 5 V |
| | | | | | | ● | ● | ● | 1 ... 5 V |

Filter:
The filter function allows a low-pass filter to be switched on in order to mask or "smooth out" oscillating measured values (e.g., during trailing edge flows).

DIP Switch S1

| 7 | 8 | Measurement Range Underflow | Measurement Range Overflow | Overcurrent (Input Signal - End Value + 20%) | 9 | 10 | Digit Output DO Signaling |
|---|---|---|---|---|---|---|---|
| | | Lower limit of measurement range -5 %* | Upper limit of measurement range +2.5 %* | Upper limit of measurement range +5 %* | | | DO not active |
| ● | | Lower limit of measurement range | Upper limit of measurement range +2.5 % | Upper limit of measurement range +5 % | | ● | DO $U_+$ switching |
| | ● | Lower limit of measurement range | Upper limit of measurement range | Lower limit of measurement range | ● | ● | DO GND switching |
| ● | ● | Lower limit of measurement range | Upper limit of measurement range | Upper limit of measurement range | | | *acc. to NAMUR NE 43 |

**Short description:**
This current signal conditioner measures both 0 … 1 A and 0 … 5 A AC/DC currents, converting the input signal to an standard analog signal at the output.
**Digital switching output (DO):**
The digital switching output (DO) allows signaling of a message. Two switching behaviors can be selected for the edge:
GND switching: For all values below the lower threshold or above the upper threshold, the digital output switches to "GND."
$U_s$ switching: For all values below the lower threshold or above the upper threshold, the digital output (DO) matches the supply voltage level.

These thresholds can be adjusted via the PC configuration interface.

**Features:**
- PC configuration interface
- True RMS measurement or arithmetic mean value
- Digital switching output (configurable switching thresholds)
- Switchable filter function
- Calibrated measurement range switching
- 3-way electrical isolation with 2.5 kV test voltage
- Measurement range overflow indication

## Notes

| | |
|---|---|
| Safety Information | Input and output must be safely isolated from any hazardous live parts! |
| Safety information 2 | Adjacent devices of the same type are devices of the same design (series) that are arranged next to one another on the DIN-rail with the same orientation. An end stop (249-116) must be fitted to devices of other types for compliance with the reinforced insulation requirements. |
| Note | Additional setting options via the WAGO Interface Configuration Software |

## Technical data

### Configuration

| | |
|---|---|
| Configuration options | DIP switch<br>WAGO Interface Configuration Software |

### Input

| | |
|---|---|
| Input signal type | Current |
| Input signal (current) | 0 … 1 A AC/DC (IN 1)<br>0 … 5 A AC/DC (IN 2) |
| Frequency range | 16 … 400 Hz |
| Input resistance (current input) | 47 mΩ (IN 1)<br>10 mΩ (IN 2) |
| Input current (max.) | 10 A (IN 1; 5 s); 15 A (IN 2; 5 s) |
| Response threshold | 2 mA (IN 1); 4 mA (IN 2) |

### Output (analog)

| | |
|---|---|
| Output signal type | Current<br>Voltage |
| Output signal (voltage) | 0 … 5 V<br>1 … 5 V<br>0 … 10 V<br>2 … 10 V |
| Output signal (current) | 0 … 10 mA<br>2 … 10 mA<br>0 … 20 mA<br>4 … 20 mA |
| Load impedance (voltage output) | ≥ 2 kΩ |
| Load impedance (current output) | ≤ 600 Ω |

### Output (digital)

| | |
|---|---|
| Switching voltage (DO) max. | Supply voltage applied |
| Continuous current (DO) max. | 100 mA (no internal restriction) |
| Number of switching thresholds (DO) | 2 (adjustable) |

### Signal Processing

| | |
|---|---|
| Measurement method | True RMS measurement; Arithmetic mean value |
| Software filter (adjustable) | Moving average value (filter level: 30) |
| Step response (typ.) | 60 ms |

### Measurement Error

| | |
|---|---|
| Transmission error (typ.) | ≤ 0.1 % of upper-range value |
| Transmission error (max.) | ≤ 0.4 % of upper-range value |
| Temperature coefficient | ≤ 0.01 %/K |

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## Power Supply

| | |
|---|---|
| Power supply type | 24 VDC (SELV) |
| Nominal supply voltage $U_S$ | 24 VDC |
| Supply voltage range | ±30 % |
| Current consumption at nominal supply voltage | ≤ 40 mA (+ $I_{DO}$) |

## Safety and protection

| | |
|---|---|
| Rated Voltage | 300 V |
| Protection type | IP20 |

## Test voltage

| | |
|---|---|
| Test voltage (input/output/supply) | 2.5 kVAC; 50 Hz; 1 min |

## Insulation coordination

| | |
|---|---|
| Overvoltage category | II |
| Pollution degree | 2 |
| Insulation type (input/analog output/supply) | Functional insulation |
| Insulation type (between adjacent devices of the same type) | Double insulation (safe isolation) |
| Insulation type (to adjacent devices of different types) | Basic insulation |
| Safety information 2 | Adjacent devices of the same type are devices of the same design (series) that are arranged next to one another on the DIN-rail with the same orientation. An end stop (249-116) must be fitted to devices of other types for compliance with the reinforced insulation requirements. |

## Connection Data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Solid conductor | 0.08 … 2.5 mm² / 28 … 14 AWG |
| Fine-stranded conductor | 0.34 … 2.5 mm² / 22 … 14 AWG |
| Strip length | 9 … 10 mm / 0.35 … 0.39 inches |

## Physical data

| | |
|---|---|
| Width | 6 mm / 0.236 inches |
| Height | 94 mm / 3.701 inches |
| Depth from upper-edge of DIN-rail | 97.8 mm / 3.85 inches |

## Mechanical data

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

## Material data

| | |
|---|---|
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.539 MJ |
| Weight | 64 g |

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## Environmental requirements

| | |
|---|---|
| Ambient temperature (operation) | -25 … +70 °C (Individual arrangement; -25 … +60 °C (block arrangement)) |
| Ambient temperature (storage) | -40 … +85 °C |
| Processing temperature | -25 … +50 °C |
| Temperature range of connection cable | ≥ ($T_{ambient}$ + 25 K) |
| Relative humidity | 5 … 95 % (no condensation permissible) |
| Operating altitude (max.) | 2000 m |

## Standards and Specifications

| | |
|---|---|
| Conformity marking | CE |
| EMC immunity to interference | EN 61000-6-2 |
| EMC emission of interference | EN 61000-6-3; EN 61000-6-4 |
| Standards/specifications | EN 50121-3-2<br>DNV<br>EN 61010-2-201 |

## Commercial data

| | |
|---|---|
| Product Group | 6 (INTERFACE ELECTRONIC) |
| PU (SPU) | 1 pcs |
| Packaging type | Bag |
| Country of origin | DE |
| GTIN | 4050821226734 |
| Customs tariff number | 85437090300 |

## Product Classification

| | |
|---|---|
| UNSPSC | 41113630 |
| eCl@ss 10.0 | 27-21-01-23 |
| eCl@ss 9.0 | 27-21-01-23 |
| ETIM 9.0 | EC002475 |
| ETIM 10.0 | EC002475 |
| ECCN | NO US CLASSIFICATION |

## Environmental Product Compliance

| | |
|---|---|
| CAS-No. | 1303-86-2<br>1317-36-8<br>7439-92-1<br>75980-60-8<br>79-94-7<br>80-05-7 |
| REACH Candidate List Substance | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>4,4'-isopropylidenediphenol<br>Diboron trioxide<br>Lead<br>Lead monoxide<br>Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)- |
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II |
| SCIP notification number (Austria) | 50f64a02-d6d3-4adb-a7b9-f815da2344ad |
| SCIP notification number (Belgium) | 0e04df68-4c33-4c78-ade6-82bf60716e8f |
| SCIP notification number (Bulgaria) | d1dc9f2a-4544-48c8-8c42-717ec18dc517 |
| SCIP notification number (Czech Republic) | 1a2ce406-9928-4d64-aeb5-27a0e58a61ff |
| SCIP notification number (Denmark) | 4e1a4190-497b-4457-98c6-445a2a2407aa |
| SCIP notification number (Finland) | 10e56fdb-95fd-4317-8b19-0eec048887fc |
| SCIP notification number (France) | 0152e5b3-4bb3-407b-962c-95da92c8f591 |
| SCIP notification number (Germany) | 7d05eaec-2f49-4372-825c-639900cb0cfa |

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## Environmental Product Compliance

| | |
|---|---|
| SCIP notification number (Hungary) | 8a6d556b-a2a5-47d7-be2c-0f7f08b455aa |
| SCIP notification number (Italy) | 80363ecc-0750-47b3-8adc-6d8d376cb109 |
| SCIP notification number (Netherlands) | 4c0930d7-0757-44b2-a2ac-a852f21c8101 |
| SCIP notification number (Poland) | e163f598-e916-448a-8e77-616fb920165c |
| SCIP notification number (Romania) | c1c27efe-e372-4fb2-b5a4-5eac757ec01f |
| SCIP notification number (Sweden) | 6a471be4-9d63-4d9d-9da5-8ddf090e997c |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| EAC<br>GZO Almaty Standart | TP TC 020/2011 | EAC CoC 03081 |
| UL<br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 508 | E175199 Sec.4 |

### Declarations of conformity and manufacturer's declarations

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

### Approvals for marine applications

| Approval | Standard | Certificate Name |
|---|---|---|
| DNV<br>DNV Germany GmbH | DNV-CG-0339,Aug.2021 | TAA00001D1 |

### Approvals for hazardous areas

| Approval | Standard | Certificate Name |
|---|---|---|
| ATEX<br>TUEV Nord Cert GmbH | EN 60079-0 | TUEV14ATEX112692X (II 3G Ex ec IIC T4 Gc) |
| CCC<br>CNEX | CNCA-C23-01 | 2020312310000210 (Ex ec IIC T4 Gc) |
| IECEx<br>TUEV Nord Cert GmbH | - | IECEX TUN14.0030X |
| UKEx<br>WAGO GmbH & Co. KG | EN 60079-0 | WAGO22UKEX004X |
| UL<br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | ANSI/ISA 12.12.01 | E198726 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 857-550


Continued on next page

## Documentation

### Manual

| | |
|---|---|
| WAGO Current and Voltage Signal Conditioners and Power Measurement Modules | |

### Bid Text

| | | | |
|---|---|---|---|
| 857-550 | 15.07.2019 | xml 7.34 KB | |
| 857-550 | 15.07.2019 | docx 18.83 KB | |
| 857-550 | 15.07.2019 | pdf 77.51 KB | |

### Instruction Leaflet

| | | | |
|---|---|---|---|
| CCC Ex (Additional information) | 26.04.2023 | pdf 140.99 KB | |
| Messumformer und Trennverstärker | V 2.0.0 14.06.2023 | pdf 2204.91 KB | |

## CAD/CAE-Data

### CAD data

| | |
|---|---|
| 2D/3D Models 857-550 | |

### CAE data

| | |
|---|---|
| EPLAN Data Portal 857-550 | |
| WSCAD Universe 857-550 | |
| ZUKEN Portal 857-550 | |

# 1 Compatible Products

## 1.1 Optional Accessories

### 1.1.1 Communication

#### 1.1.1.1 Communication cable

Item No.: 750-923
Configuration cable; USB connector; Length: 2.5 m

Item No.: 750-923/000-001
Configuration cable; USB connector; Length: 5 m

### 1.1.2 Current transformer

#### 1.1.2.1 Plug-in current transformer

Item No.: 855-305/300-501
Plug-in current transformer; Primary rated current 300 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

Item No.: 855-405/750-501
Plug-in current transformer; Primary rated current 750 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

Item No.: 855-301/100-201
Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1

Item No.: 855-305/100-201
Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 5 A; Rated power: 2.5 VA; Accuracy class: 1

Item No.: 855-501/1000-1001
Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

Item No.: 855-801/1000-1001
Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

Item No.: 855-505/1000-1001
Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

Item No.: 855-301/150-501
Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

 Continued on next page

## 1.1.2.1 Plug-in current transformer

**Item No.: 855-305/150-501**
Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-601/1500-501**
Plug-in current transformer; Primary rated current: 1500 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-605/1500-501**
Plug-in current transformer; Primary rated current: 1500 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-301/200-501**
Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-305/200-501**
Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-801/2000-1001**
Plug-in current transformer; Primary rated current: 2000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-805/2000-1001**
Plug-in current transformer; Primary rated current: 2000 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-301/250-501**
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-401/250-501**
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-305/250-501**
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-405/250-501**
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-1001/2500-1001**
Plug-in current transformer; Primary rated current: 2500 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-1005/2500-1001**
Plug-in current transformer; Primary rated current: 2500 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-2701/035-001**
Plug-in current transformer; Primary rated current: 35 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

**Item No.: 855-301/400-1001**
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-501/400-1001**
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-401/400-501**
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-305/400-1001**
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-505/400-1001**
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-405/400-501**
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

**Item No.: 855-301/050-103**
Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 3

**Item No.: 855-305/050-103**
Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 5 A; Rated power: 1.25 VA; Accuracy class: 3

**Item No.: 855-301/060-101**
Plug-in current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 1

**Item No.: 855-305/060-101**
Plug-in current transformer; Primary rated current: 60 A; Secondary rated current: 5 A; Rated power: 1.25 VA; Accuracy class: 1

**Item No.: 855-301/600-1001**
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-401/600-501**
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-501/600-1001**
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-305/600-1001**
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-505/600-1001**
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-2701/064-001**
Plug-in current transformer; Primary rated current: 64 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

**Item No.: 855-301/075-201**
Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1

**Item No.: 855-305/075-201**
Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 5 A; Rated power: 2.5 VA; Accuracy class: 1

**Item No.: 855-501/800-1001**
Plug-in current transformer; Primary rated current: 800 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

**Item No.: 855-505/800-1001**
Plug-in current transformer; Primary rated current: 800 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

## 1.1.2.2 Split-core current transformer

**Item No.: 855-4001/100-001**
Split-core current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

**Item No.: 855-3001/100-003**
Split-core current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 3; Cable length: 3 m

**Item No.: 855-5001/1000-000**
Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m

**Item No.: 855-5101/1000-000**
Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m


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### 1.1.2.2 Split-core current transformer

Item No.: 855-5005/1000-000
Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 3 m

Item No.: 855-5105/1000-000
Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 3 m

Item No.: 855-4001/150-001
Split-core current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-4005/150-101
Split-core current transformer; Primary rated current: 150 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m

Item No.: 855-4001/200-001
Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; Cable length: 3 m

Item No.: 855-3001/200-001
Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-4101/200-001
Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-3001/250-001
Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-4101/250-001
Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-5001/250-001
Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 5 m

Item No.: 855-4105/250-101
Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m

Item No.: 855-4101/400-001
Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-5001/400-000
Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m

Item No.: 855-5005/400-001
Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 3 m

Item No.: 855-4105/400-101
Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m

Item No.: 855-3001/060-003
Split-core current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 3; Cable length: 3 m

Item No.: 855-5001/600-000
Split-core current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m

Item No.: 855-5005/600-000
Split-core current transformer; Primary rated current: 600 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 3 m

### 1.1.3 Interface module

### 1.1.3.1 Interface adapters

Item No.: 857-980
Interface adapter; 16-pole; analog

### 1.1.4 Jumper

### 1.1.4.1 Jumper

Item No.: 281-482
Jumper; 2-way; insulated; gray

Item No.: 859-410/000-006
Jumper; for jumper slot; 10-way; insulated; blue

Item No.: 859-410
Jumper; for jumper slot; 10-way; insulated; light gray

Item No.: 859-410/000-005
Jumper; for jumper slot; 10-way; insulated; red

Item No.: 859-410/000-029
Jumper; for jumper slot; 10-way; insulated; yellow

Item No.: 859-402/000-006
Jumper; for jumper slot; 2-way; insulated; blue

Item No.: 859-402
Jumper; for jumper slot; 2-way; insulated; light gray

Item No.: 859-402/000-005
Jumper; for jumper slot; 2-way; insulated; red

Item No.: 859-402/000-029
Jumper; for jumper slot; 2-way; insulated; yellow

Item No.: 859-403/000-006
Jumper; for jumper slot; 3-way; insulated; blue

Item No.: 859-403
Jumper; for jumper slot; 3-way; insulated; light gray

Item No.: 859-403/000-005
Jumper; for jumper slot; 3-way; insulated; red

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### 1.1.4.1 Jumper

Item No.: 859-403/000-029
Jumper; for jumper slot; 3-way; insulated; yellow

Item No.: 859-404/000-006
Jumper; for jumper slot; 4-way; insulated; blue

Item No.: 859-404
Jumper; for jumper slot; 4-way; insulated; light gray

Item No.: 859-404/000-005
Jumper; for jumper slot; 4-way; insulated; red

Item No.: 859-404/000-029
Jumper; for jumper slot; 4-way; insulated; yellow

Item No.: 859-405/000-006
Jumper; for jumper slot; 5-way; insulated; blue

Item No.: 859-405
Jumper; for jumper slot; 5-way; insulated; light gray

Item No.: 859-405/000-005
Jumper; for jumper slot; 5-way; insulated; red

Item No.: 859-405/000-029
Jumper; for jumper slot; 5-way; insulated; yellow

Item No.: 859-406/000-006
Jumper; for jumper slot; 6-way; insulated; blue

Item No.: 859-406
Jumper; for jumper slot; 6-way; insulated; light gray

Item No.: 859-406/000-005
Jumper; for jumper slot; 6-way; insulated; red

Item No.: 859-406/000-029
Jumper; for jumper slot; 6-way; insulated; yellow

Item No.: 859-407/000-006
Jumper; for jumper slot; 7-way; insulated; blue

Item No.: 859-407
Jumper; for jumper slot; 7-way; insulated; light gray

Item No.: 859-407/000-005
Jumper; for jumper slot; 7-way; insulated; red

Item No.: 859-407/000-029
Jumper; for jumper slot; 7-way; insulated; yellow

Item No.: 859-408/000-006
Jumper; for jumper slot; 8-way; insulated; blue

Item No.: 859-408
Jumper; for jumper slot; 8-way; insulated; light gray

Item No.: 859-408/000-005
Jumper; for jumper slot; 8-way; insulated; red

Item No.: 859-408/000-029
Jumper; for jumper slot; 8-way; insulated; yellow

Item No.: 859-409/000-006
Jumper; for jumper slot; 9-way; insulated; blue

Item No.: 859-409
Jumper; for jumper slot; 9-way; insulated; light gray

Item No.: 859-409/000-005
Jumper; for jumper slot; 9-way; insulated; red

Item No.: 859-409/000-029
Jumper; for jumper slot; 9-way; insulated; yellow

## 1.1.5 Marking

### 1.1.5.1 Marker



Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 793-502
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white

Item No.: 793-566
WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-503
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-504
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-505
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-506
WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

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### 1.1.5.2 Marking strip

Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

## 1.1.6 Potential distribution

### 1.1.6.1 Current and voltage tap

Item No.: 855-1851/350-000
Current and voltage tap up to 185 mm²; Primary rated current: 350 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

Item No.: 855-501/150-000
Current and voltage tap up to 50 mm²; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

Item No.: 855-951/250-000
Current and voltage tap up to 95 mm²; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

## 1.1.7 Power supply

### 1.1.7.1 Power Supply

Item No.: 787-2852
Switched-mode power supply; 1-phase; 24 VDC output voltage; 1 A output current

## 1.1.8 Relay module

### 1.1.8.1 Relay module

Item No.: 857-304
Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Yellow status indicator; Module width: 6 mm; gray

## 1.1.9 Screwless end stop

### 1.1.9.1 Mounting accessories

Item No.: 249-117
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 249-197
Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 249-116
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

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### 1.1.10 Terminal blocks

#### 1.1.10.1 Supply and through module

Item No.: 857-979
Supply and through module

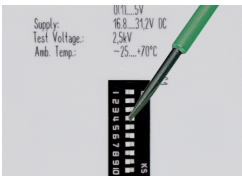
### 1.1.11 Tool

#### 1.1.11.1 Operating tool

Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

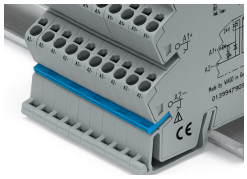
### Configuring




Configuration via DIP switch

Configuration via WAGO Interface Configuration Software

### Commoning



Commoning, not discrete wiring – Same outline allows use of a single in-line, push-in jumper.