

WAGO CURRENT AND VOLTAGE TAPS FOR WAGO 2-CONDUCTOR THROUGH TERMINAL BLOCKS

The 2-in-1 Solution

NEW



WAGO Current and Voltage Taps

The 2-in-1 Solution

Combining a current transformer and voltage tap, this ingenious solution can be quickly and easily mounted into the jumper slot of WAGO's 2-Conductor Through Terminal Blocks (285 Series). This adaptability makes it a perfect fit for any successful energy management plan.

Your Benefits:

- Same overall width as 2-conductor through terminal blocks
- Easy installation – simply insert the tap into the jumper slot of the 2-conductor through terminal blocks
- Current transformer can be short circuited via S1 and S2 using WAGO's 2000-402 Jumper
- Safe protection in case of overload and short circuit via integrated fuse with indicator
- Clear identification via WAGO's marking options

Output – Voltage

- Redundant design

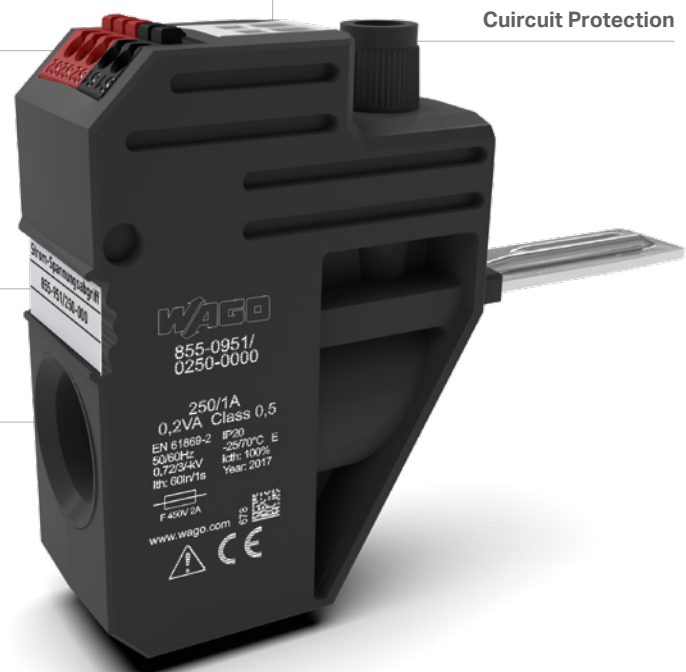
Output – Current

- Connecting the energy measurement device (1 A)
- Short-circuiting the current transformer
- Neutral bridging

Marking Options

- TOPJOB® S Marking Strips
- WMB Inline Markers

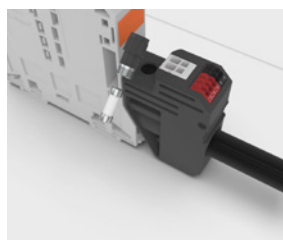
Feedthrough for Primary Conductors



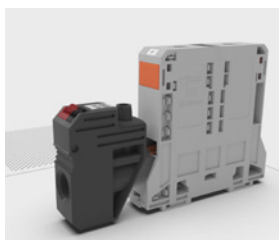
Circuit Protection



Feedthrough for primary conductors



Integrated fuse



Installation via jumper slot

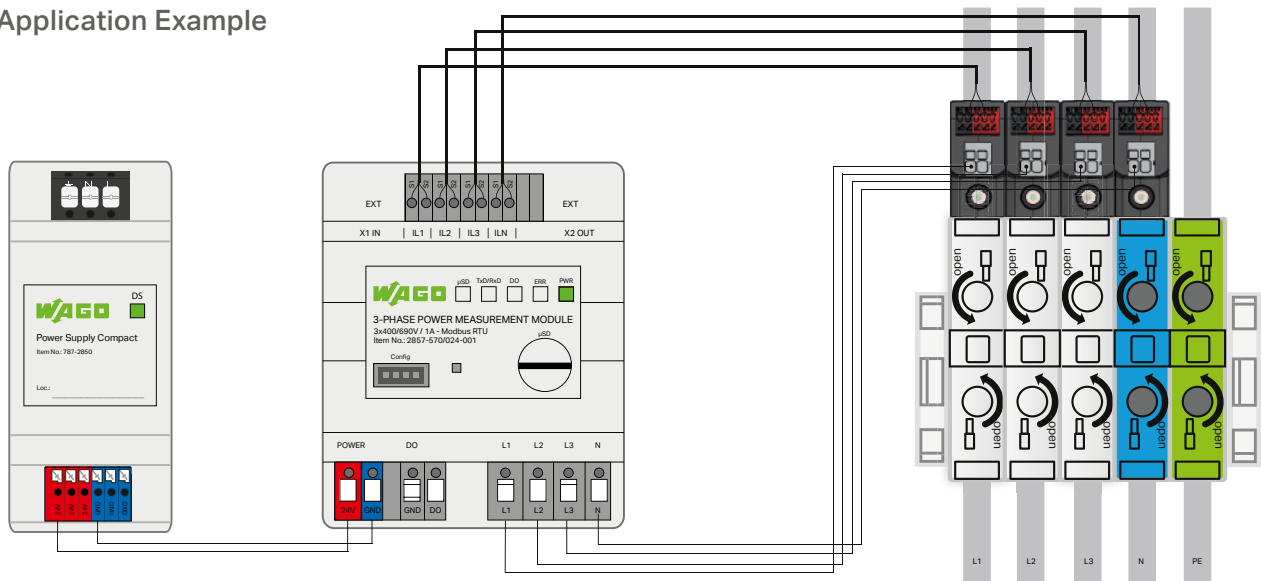


Marking option

Technical Data

| Product | | | |
|--------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| |  |  |  |
| Item number | 855-0501 / 150-000 | 855-0951 / 250-000 | 855-1851 / 350-000 |
| Feedthrough for measurement conductor | ø 12.0 mm | ø 16.0 mm | ø 21.5 mm |
| Primary rated current I_{pri} | 150 A | 250 A | 350 A |
| Secondary rated current I_{sec} | 1 A | | |
| Accuracy class | 0.5 (per EN 61869-2) | | |
| Rated power | 0.2 VA (8.0 m cable length for conductors up to 1.5 mm ² /16 AWG) | | |
| Rated voltage | 400 VAC | | |
| Fuse (voltage path) | F2 A, 450 V, 70 kA, 5 x 25 mm | | |
| Operating temperature | -25 ... +70 °C | | |
| Product standard | EN 61869-2, EN 60947-7-3, IEC 60068-2-6 | | |
| Suitable for 2-conductor through terminal blocks | 50 mm ² (1/0 AWG) | 95 mm ² (4/0 AWG) | 185 mm ² (350 kcmil) |
| For DIN-rail mounting | 285 - 150 | 285 - 195 | 285 - 1185 |
| | 285 - 154 | 285 - 194 | 285 - 1184 |
| With mounting flanges | 285 - 141 | 285 - 181 | 285 - 1161 |
| | 285 - 144 | 285 - 184 | 285 - 1164 |

Application Example



Power Supply,
787-2850

3-Phase Power Measurement Module,
2857-570 / 024-000

Supply

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