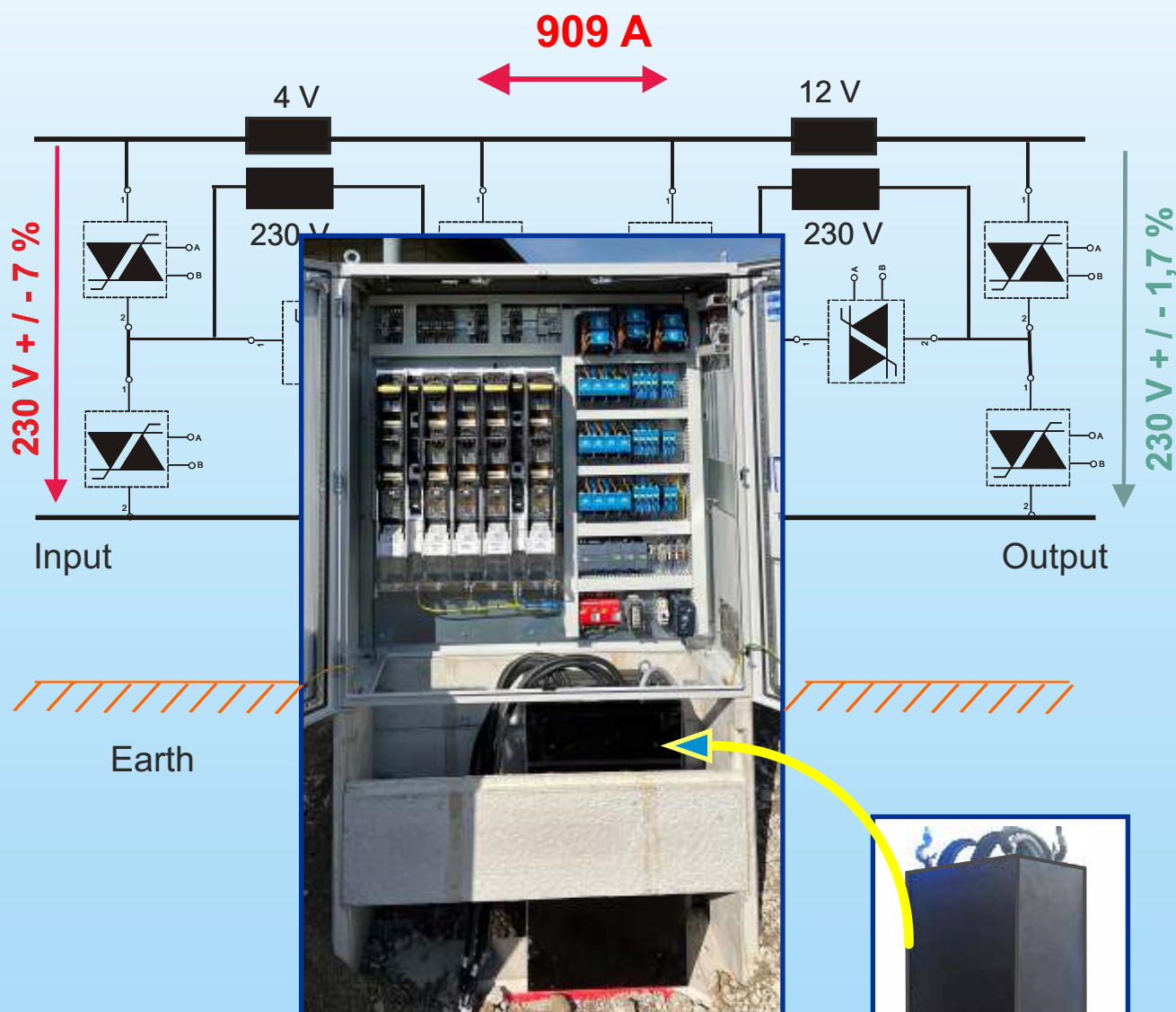


Compact Voltage Regulator

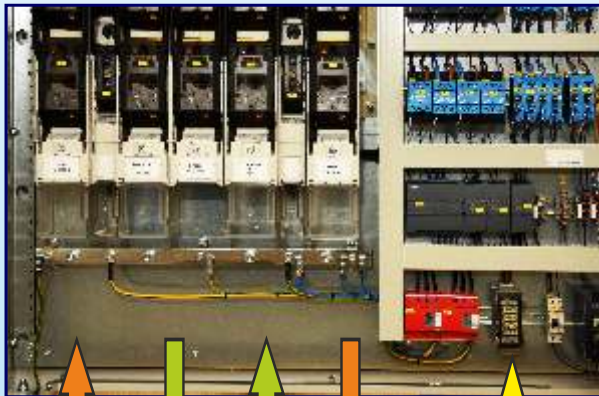
space-saving, simple installation



**Transformer block
in socket
87-630 kVA**

**Fast 3 x single-phase control
within 250-300 ms**

Compact Voltage Regulator



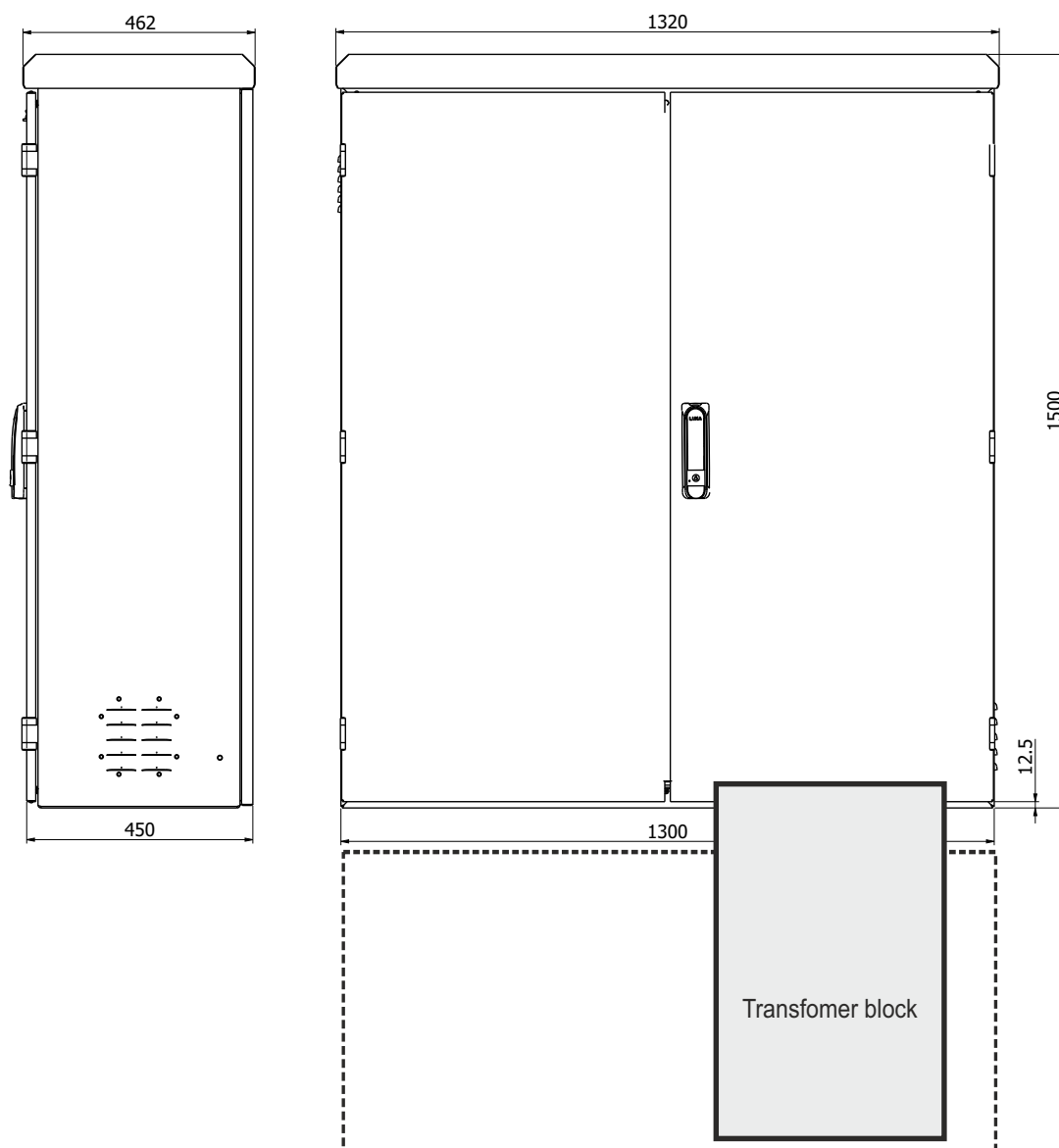
power input
transformer block input
transformer block output
power output
plug connector



WA-NRE-red-FT 226

The voltage regulator measures and regulates the 3 phases individually, quickly and independently of each other.

When the voltage regulator is idle or unloaded, the transformer stages that are not required are short-circuited. If the output voltage of the voltage regulator falls or rises, the number of required stages is calculated and activated via the semiconductor contactors. The short circuit of the tapped transformers to be switched is cancelled and the 230 V winding of the tapped transformers is switched to the regulated output voltage. If the input voltage is too high, for example due to PV systems, power feeders or star point shifts, especially under load, the voltage regulator can regulate the voltages downwards by reversing the polarity of the windings, thus always ensuring a symmetrical output voltage between 233 and 227 V/phase.



Aluminium outdoor cabinet

Roof slanted 45° all round. Door with 3-point locking, with gas pressure dampers. Sub-roof prepared for crane eyes, crane eyes enclosed loose

Type: WA-NRE-red-FT 226

Input voltage: 230 V +/- 8 %

Output voltage: 230 V +/- 1.5 %

Rated through-current: 326 A

Number of stages/phase: 4 x 4.6 V

Open-circuit current at 0 stages: 0.17 A

Control time: ≤ 0.3 s

Short-circuit voltage: 0.78%

Weight: voltage regulator control cabinet: 160 kg

Weight: Transformer block: 360 kg

Protection class: IP 34 D

Housing: Aluminium ALMG3, t = 2 mm,
powder-coated

Colour: RAL 7035

Main dimensions: 1500 x 1320 x 462 mm (HxWxD)

