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REOLAB 320

REO three-phase AC - High voltage supply galvanically isolated from mains



Unique Selling Point

- Clean sine wave voltage at the output over the entire output range
- Does not produce EMC interference
- Voltage presetting in manual or control mode possible
- The output voltage is kept constant at ± 1.5% by means of a controller
- The switch-on and switch-off times of the desired output voltage can be set via a built-in timer
- Fast compensation in case of voltage fluctuations
- True RMS measurement by means of digital measuring devices
- External operation via Profibus possible

Description

Applications:

For endurance tests up to 5 kV, the high-voltage supply with galvanic isolation provides the entire power supply for test fields of quality assurance.

Equipment:

- Circuit breaker with magnetic and thermal tripping in the mains input
- Main contactor for switching the transformers in operation
- Emergency stop button and safety loop with warning lamps
- Timer for the main contactor
- Pushbuttons and indicators
- 10-speed setpoint potentiometer for voltage adjustment
- Protection against short-circuit and overload of the output
- Digital measuring instruments V + A 96 x 48 mm in AC output
- Electronic control of all three phases for voltage stabilization
- Mobile electronic housing

Technical Data

Options

- PLC with Powerformer
- Coupling module with REODATA
- Interface DP 59211 with Profibu

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Typ	Nominal voltage [V]	Nominal power [kVA]	Output voltage [V]	Output current [A]	Gear shift
REOLAB 320/1,3		0-1,3	3 x 0-3000		star/star
REOLAB 320/1,73	3 x 400	0-1,73	3 x 0-4000	3 x 0,25	star/star
REOLAB 320/2,16	50 / 60 Hz	0-2,16	3 x 0-5000		

Control accuracy: ± 1.5 % relative to the final value
Control time: approx. 25 sec. for the entire positioning range
Finish: RAL 5015/7035
Cooling: AN

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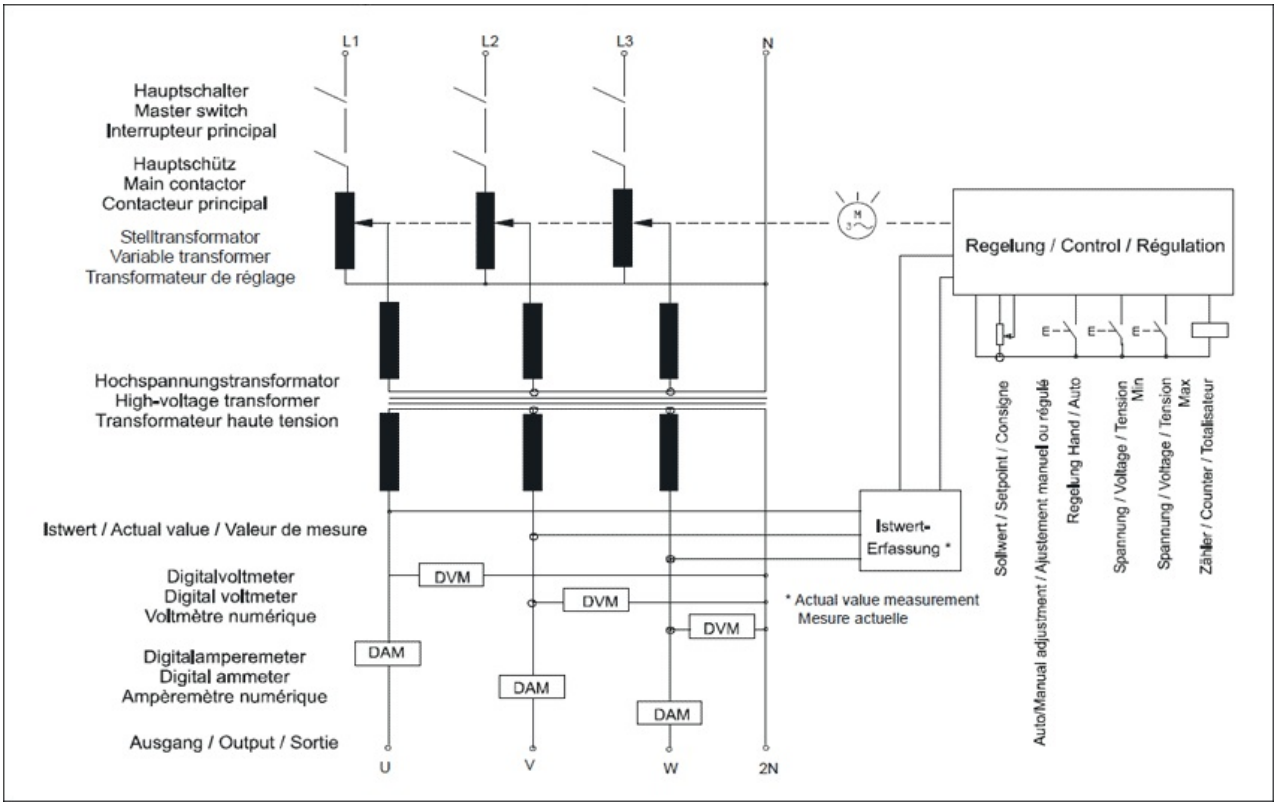
Wiring diagram



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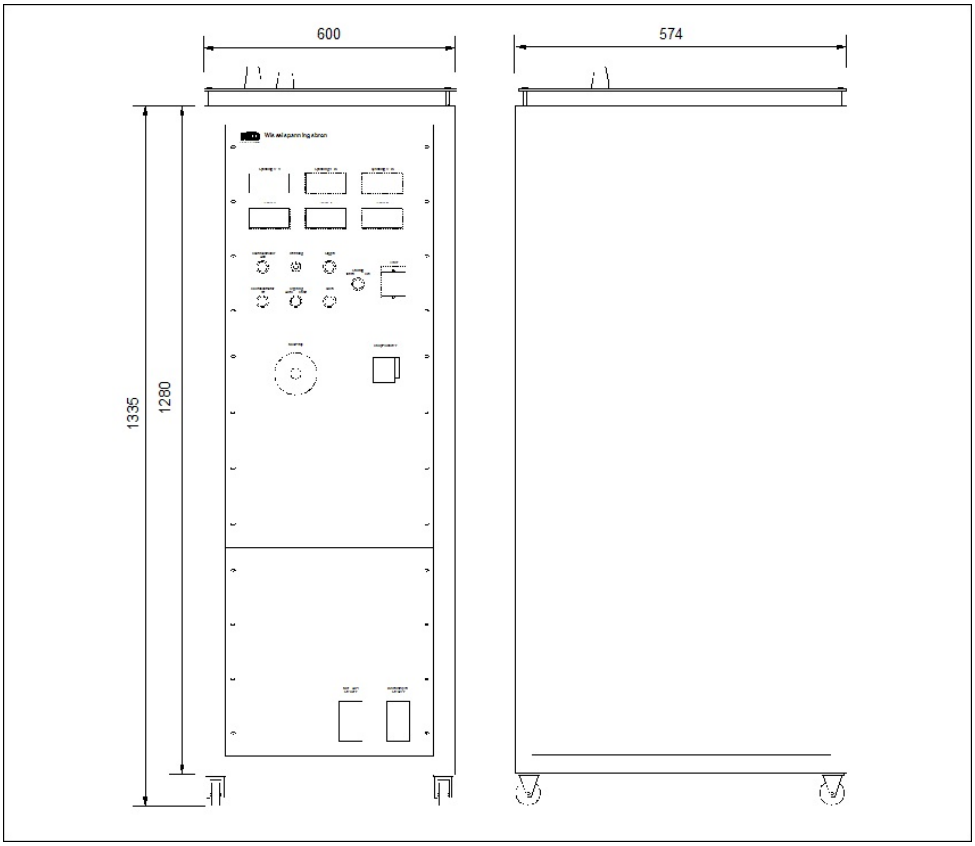
Dimension drawing



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