

Variable-ratio transformers

REOVAR
Power range 0,23 - 25 kVA,

A variable-ratio transformer is used when output voltages are to be matched while constantly retaining sinusoidal form. REO variable-ratio transformers generate no interference or harmonics and are therefore particularly suitable for use in proving grounds or research institutes where high-frequency interference can cause problems with recorded test results. REO variable-ratio transformers are manufactured according to VDE 0552 and EN 61558-2-14 and use materials listed by UL to comply with international norms as well. Variable-ratio transformers with a compensation winding are included in our range of supplies for applications requiring a low voltage drop. REO takes a systematic approach in this field too: besides

transformers, we offer complete high-voltage and heavy-current testing equipment with the latest PLC controllers to ensure that testing functionality correspond to state of art requirements.

All equipment is available in standard versions as well as special designs and requirements.

Advantages

- High-precision adjustment (turn-to-turn voltage approx. 0.7 V)
- Generate no harmonic currents or voltages (clean sinusoidal output voltage, no harmonics)
- No EMC interference



Technical data

RRT / RRTW / RRTGW	
Input voltage	230 V
Output voltage	0 - 230 V oder 0 - 260 V
Output current	0,6 A to 96 A
Output power	0,22 kVA to 25 kVA
Frequency range	50 - 400 Hz
Ambient temperature	max. 40° C
Vector group	I 0
IP Code	IP 00 - IP 20

Version: Series: RRT/RRTW M4 to EN10 and RRT 2 x M 10 to 3 x EN10, current: 0.8 - 96 A Single-phase version with autowindings