



Standard Programme and
Customized Solutions for:

- | Variable Toroidal Transformers
- | Variable Column Transformers
- | Variable Transformer Aggregates

PRODUCT OVERVIEW

VARIABLE TRANSFORMERS



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VARIABLE TRANSFORMERS

Quality and Experience are the guiding principles

RUHSTRAT has decades of experience in developing and manufacturing electrical winding products. We offer more than innovative technology. Being a reliable partner we assist our customers by developing optimal solutions customized to their needs.

While carrying out the development, the design, the delivery and the creation of solutions is an important part of our business, another important part is the performance of a service comprising all expected tasks, from the maintenance to the support.

RUHSTRAT has been specialized in developing and designing customized transformers, reactors, power supplies and power resistors. Our main scope of functions is the designing of special transformers up to 2,000 kVA and power resistors up to

5,000 kW. We manufacture custom-made transformers, reactors, power supplies and power resistors. RUHSTRAT components are used wherever products made to specification and small and minimum batch sizes are needed, so for uses which cannot be provided with bulk goods.



Variable Transformers from 20 VA to 2 MVA

- variable toroidal transformers
- variable column transformers
- variable transformer aggregates



Voltage Stabilizers from 60 VA up to 2 MVA

- magnetic voltage stabilizers
- automatic voltage stabilizers



Power Transformers from 50 VA up to 2 MVA

- dry-type power transformers
- medium voltage transformers
- AC/DC reactors

Toroidal Core Transformers up to 400 kVA

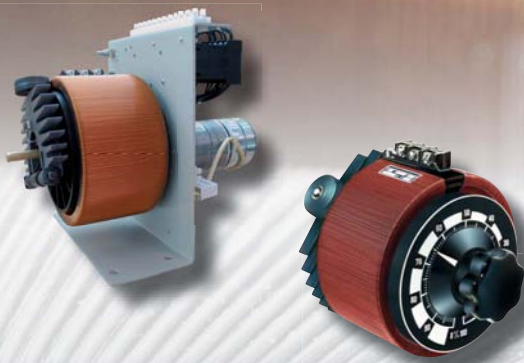
High-Current Transformers up to 30 kA

Power Resistors

- load resistors
- test resistors
- tube resistors
- laboratory resistors

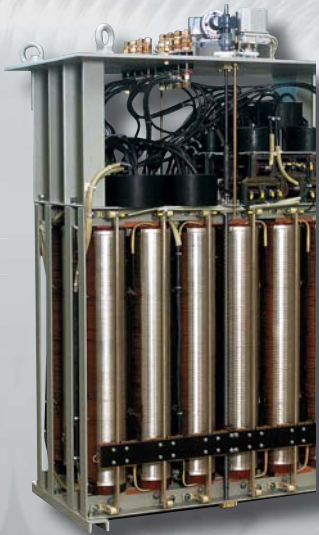


LOW VOLTAGE – HIGH QUALITY



Variable Toroidal Transformers

- acc. to EN 61558 / DIN VDE 0570
- voltage range up to 500 V
- frequency range from 50 up to 400 Hz
- single-phase and three-phase design
- designed for normal and heavy-duty operation
- degrees of protection: IP 00 up to IP 54



Variable Column Transformers

- acc. to VDE 0552
- single-phase and three-phase design for heavy-duty operation acc. to VDE 0552 § 5
- voltage range from 0... 1,000 V
- frequency range 16 2/3 Hz, 50 Hz up to 400 Hz
- degrees of protection: IP 00 up to IP 54



Variable Transformer Aggregates

- acc. to VDE 0552 / EN61558
- single-phase and three-phase design for heavy-duty operation acc. to VDE 0552 § 5
- voltage range from 0...10,000 V
- frequency range 16 2/3 Hz, 50 Hz up to 400 Hz
- degrees of protection: IP 00, IP 20 / IP 23 with steel sheet enclosure, IP 54 with air / water heat exchanger or as oil-immersed transformer

Binding Posts
Sockets
Lead-through Bolts

Transformers
Voltage Stabilizers
AC/DC Reactors
Power Resistors

Emergency Power Supply
Emergency Lighting

Industrial Furnaces

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