

Three-phase transformers for emergency power generators



Technical Information

These transformers are used downstream of emergency power generators to reduce load imbalance. With the special Dzn0 vector group configuration, the transformers compensate for unbalanced loads between the phases.

Additionally, an electrostatic shield winding can be integrated to prevent high-frequency interference from affecting the generator.

- During the design process, we place great importance on compliance with the specified requirements, manufacture according to the applicable standards and regulations, and aim to provide an optimum cost-performance ratio for our customers.
- The windings are manufactured using state-of-the-art design techniques with additional ventilation ducts for improved cooling. This reduces both the overall dimensions and the weight of the transformer, while also minimizing the amount of material requiring recycling.
- We can also supply the transformers fully integrated with technical accessories such as thermistors (PTC sensors), main switches, load break switches, motor protection circuit breakers, and much more.
- **Please send us your inquiry! We calculate and manufacture transformers individually tailored to your specific requirements..**
- **Quality is our highest priority. Therefore, we have been certified according to DIN EN ISO 9001 since 1994.**

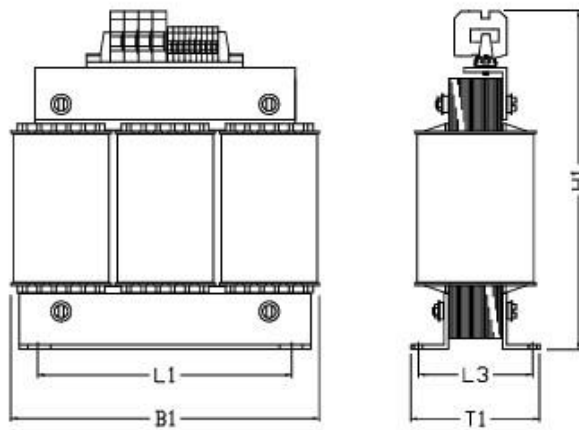


TELEFON 0711/7837-100



E-MAIL trafo@buerkle-schoeck.de

Dimensional drawing:



- **Medium-power three-phase transformer**
- Transformers are impregnated with cast resin varnish to improve insulation and reduce humming noise
- **High-quality insulation materials** for insulation class T 40/F
- Windings with additional air channels = **improved cooling**
- Connections are made using **appropriate terminals**, depending on the current rating (amperage)
- All transformers are computer-designed, manufactured using special-purpose machinery, and individually tested, including high-voltage insulation testing at several 1000 volts.
- **CE-compliant**
- **Protection class IP00**
- Suitable for installation up to IP23

Dimension:

Series DT / DUS						
approx. Power in kVA	Type	B1	T1	H1	approx. Weight in kg	Enclosure IP23
6	DUR6078	360	200	360	55	H30
10	DUSA7073	420	230	370	84	H30
15	DUSA70103	420	240	370	108	H30
20	DUSA70133	420	260	390	134	H30

Subject to change

Dimensions are approximate in mm

Higher power ratings available on request!

We manufacture **transformers** of all types and sizes from 1 VA to 630 kVA, as well as **power supplies**, **chokes**, and many other **inductive components**, specifically tailored to your requirements. For us, good production quality is not the only priority; one of our most important tasks is providing in-depth and comprehensive customer consultation.

Please feel free to contact us—we will be happy to assist you!

Please also note our extensive stock program: control transformers, power supplies, stabilized power supply units of the FN series, and primary switched-mode power supplies of the BüTop series.

We manufacture for you: air-core chokes, smoothing chokes, filter chokes, DC-link chokes, line reactors, ripple chokes, anode chokes, and neutral point chokes.

BÜRKLE + SCHÖCK
TRANSFORMATOREN GMBH
GEWERBESTRASSE 38
70565 Stuttgart

TELEFON 0711/7837-100



E-MAIL trafo@buerkle-schoeck.de