

Cast Resin Transformers

Gravity Line

The customer - our focus of attention

New concept with an efficient winding system:

With its fully vacuum-encapsulated high-voltage winding, SGB relies on proven quality. Our optimized design has helped us to cut costs. State of the art technology is also implemented in conformance with current standards.

Implementation acc. to ECO Design requirements (pursuant to Directive EU 2009/125/EC) from regulation no.: 548/125/EC

From design directly to manufacture:

Thanks to our experience dating back several decades, we provide our customers with an optimum concept for standard solutions which excels thanks to short cycle times and immediate design availability.

Efficient processes help us offer you a wide diversity of solutions with various optional accessories - also within extremely short delivery periods or ex warehouse.



Partners in Power



Overview of Technical Details:

- Acc. to DIN EN 50541-1 and Eco Design Regulation
- Cast HV-winding
- Prepreg LV winding
- AC- and short circuit proof, partial discharge free
- Insulation class F/F (100K)
- E2, C2, F1

Eco Design Transformers (mandatory by law from 1st July 2015)											
Type (Type/kVA/HV)	HV (kV) +/-2x2,5%	LV (kV)	uk (%)	Po (W)	Pk 120° C (W)	LW (dB)	Lp (dB)	Dimensions (mm)			Weight (kg)
								L	W	H	
DTTHZ1N 250/10	10	0,4	4	520	3800	57	44	1200	670	1430	1130
DTTHZ1N 400/10				750	5500	60	47	1310	820	1570	1580
DTTHZ1N 630/10				1100	7600	62	49	1330	820	1670	1890
DTTHYZ1N 250/10			6	520	3800	57	44	1260	670	1500	1220
DTTHYZ1N 400/10				750	5500	60	47	1360	820	1570	1690
DTTHYZ1N 630/10				1100	7600	62	49	1450	820	1760	2080
DTTHZ1N 800/10				1300	8000	64	51	1470	820	1770	1820
DTTHZ1N 1000/10				1550	9000	65	52	1600	980	1860	2780
DTTHZ1N 1250/10				1800	11000	67	54	1600	980	2130	2860
DTTHXZ1N 250/20				20	0,4	4	520	3800	57	44	1390
DTTHXZ1N 400/20	750	5500	60				47	1440	820	1580	1610
DTTHXZ1N 630/20	1100	7600	62				49	1540	820	1700	2100
DTTHZ1N 250/20	6	520	3800			57	44	1350	670	1490	1340
DTTHZ1N 400/20		750	5500			60	47	1400	820	1560	1510
DTTHZ1N 630/20		1100	7600			62	49	1450	820	1760	1910
DTTHZ1N 800/20		1300	8000			64	51	1550	820	1830	2460
DTTHZ1N 1000/20		1550	9000			65	52	1650	980	1950	2960
DTTHZ1N 1250/20		1800	11000			67	54	1700	980	1950	3260
DTTHZ1N 1600/20		2200	13000			68	55	1730	980	2260	3900
DTTHZ1N 2000/20		2600	16000			70	57	1860	1270	2370	4620

Available attachment options (can be combined with):

- earthing switch
- ventilation system (≤ 40%)
- HV wired to post insulators
- fixed ball points
- surge arrester (customer's information required)

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Presented by:

STARKSTROM-GERÄTEBAU GMBH • Ohmstraße 10 • D-93055 Regensburg
 Telefon: +49 (0)941/7841-0 • Telefax: +49 (0)941/7841-439 • E-Mail: sgb@sgb-trafo.de - member of

SGB-SMIT Gruppe

STARKSTROM-GERÄTEBAU GMBH • Regensburg • Germany • Phone: +49/941/7841-0
 SÄCHSISCH-BAYERISCHE STARKSTROM-GERÄTEBAU GMBH • Neumark • Germany • Phone: +49/37600/83-0
 ROYAL SMIT TRANSFORMERS B.V. • Nijmegen • Netherlands • Phone: +31/24/3568-911
 SMIT TRANSFORMER SALES, INC. • Summerville SC • USA • Phone: +1/843/871-3434
 AM SGB SDN BHD • Nilai • Malaysia • Phone: +60/6/7994014
 SGB-USA, INC. • Louisville, OH • USA • Phone: +1/3308712444
 SMIT TRANSFORMATOR SERVICE • Nijmegen • Netherlands • Phone: +31/24/3568-626
 OTC Services • Louisville, OH • USA • Phone: +1/3308712444
 RETRASIB • Sibiu • Romania • Phone: +40/269/253269