

CUSTOM BUILT RANGE OF THREE PHASE TRANSFORMERS OPEN OR ENCLOSED FROM 70KVA TO 500KVA CLASS F AND CLASS H

Designed to EN 60076-1.

Insulation systems: Class F or H.

Insulation system up to 1.1kV, frequency 50/60Hz.

Ambient temperature range -5 deg C to +40 deg C.

Terminals either: IP20, DIN rail mounted, studs, copper tube crimps or bus bar, dependant on current ratings.

Enclosures available for all sizes from IP23 to IP55.



A comprehensive range of custom built three phase transformers designed specifically to customers own requirements. Any quantity can be produced from single units to regular call-off orders.

Sizes from 70kVA to 150kVA (TF 70000 to TF150000) are designed with Class F (155 deg C) materials with an additional option of Class H (180 deg C) designs from 85kVA to 180kVA (TH 85000 to TH 180000).

All transformers are air cooled and are fully varnish impregnated with an aesthetically appealing red polyester varnish. A full range of IP23 ventilated enclosures is available for all sizes as well as up to IP55.

Reference	VA rating	L (mm)	W	H	FC L	FC W	FC diam	Weight (kg)	Enclosure reference
TF 70000 & TH 85000	70kVA & 85kVA	700	365	850	240	285	20	380	ETT 8
TF 100000 & TH 125000	100kVA & 125kVA	700	420	850	240	340	20	490	ETT 8
TF125000 & TH 150000	125kVA & 150kVA	700	470	850	240	390	20	590	ETT 8
TF 150000 & TH 180000	150kVA & 180kVA	700	520	850	240	440	20	680	ETT 8

Larger sizes from 175kVA to 450kVA (TGF 175K to TGF 450K) are designed with Class F (155 deg C) materials.

An an additional option of Class H (180 deg C) designs from 225kVA to 500kVA (TGH 225K to TGH 500K) are also available.

All transformers are air cooled and are fully varnish impregnated with an aesthetically appealing red polyester varnish.

A full range of IP23 ventilated enclosures is available for all sizes as well as up to IP55.



Reference	VA rating	L (mm)	W	H	FC L	FC W	FC DIAM	Weight (kg)	Enclosure reference
TGF 175K & TGH 225K	175kVA & 225kVA	1000	700	900	560	350	24	660	ETT 8
TGF 200K & TGH 250K	200kVA & 250kVA	1000	725	900	560	375	24	770	ETT 8
TGF 225K & TGH 275K	225kVA & 275kVA	1000	750	900	560	400	24	880	ETT 8
TGF 250K & TGH 300K	250kVA & 300kVA	1000	775	900	560	425	24	990	ETT 8
TGF 300K & TGH 350K	300kVA & 350kVA	1000	825	900	560	475	24	1150	ETT 9
TGF 350K & TGH 400K	350kVA & 400kVA	1000	875	900	560	525	24	1300	ETT 9
TGF 400K & TGH 450K	400kVA & 450kVA	1000	925	900	560	575	24	1430	ETT 9
TGF 450K & TGH 500K	450kVA & 500kVA	1000	975	900	560	625	24	1550	ETT 9

