

CUSTOM BUILT RANGE OF V CONNECTED 3PH INPUT TO 1PH OUTPUT TRANSFORMERS FROM 1.3KVA TO 120KVA OPEN OR ENCLOSED

Designed to EN 60076-1.

Insulation systems: Class E or F.

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

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

IP23 to IP55 enclosures available for all sizes.

3ph delta input to 1ph output.



A comprehensive range of custom built three phase input to single phase output transformers designed specifically to customers own requirements. These units help to balance the loading of three phase supplies with two phases drawing equal current. The third phase draws around twice the current of each of the other two phases.

Any quantity can be produced from single units to regular call-off orders.

Sizes from 1.3kVA to 56kVA (TSE 1300-TSE 56000) are designed with Class E (120 deg C) materials with an additional option of Class F (155 deg C) designs from 1.8kVA to 120kVA (TSF 1800-TSF 120000).

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 TSE Class E TSF Class F	VA rating	L (mm)	W	H	FC L	FC W	FC diam	Weight (kg)	Enclosure reference
TSE 1300 & TSF 1800	1.3kVA & 1.8kVA	280	170	240	200	80	6	16	EPN 6
TSE 2000 & TSF 2600	2.0kVA & 2.6kVA	280	190	240	200	100	6	25	EPN 6
TSE 2600 & TSF 3200	2.6kVA & 3.2kVA	280	210	240	200	120	6	30	EPN 6
TSE 3200 & TSF 4200	3.2kVA & 4.2kVA	350	200	290	250	90	8	35	ETT 3
TSE 4000 & TSF 5200	4.0kVA & 5.2kVA	350	220	290	250	110	8	45	ETT 3
TSE 4800 & TSF 6200	4.8kVA & 6.2kVA	350	240	290	250	130	8	55	ETT 3
TSE 5600 & TSF 7200	5.6kVA & 7.2kVA	420	220	350	300	110	8	60	ETT 3
TSE 6400 & TSF 8000	6.4kVA & 8.0kVA	420	240	350	300	130	8	70	ETT 3
TSE 8000 & TSF 10000	8.0kVA & 10kVA	490	290	410	350	140	10	85	ETT 4
TSE 10000 & TSF 12500	10kVA & 12.5kVA	490	310	410	350	160	10	100	ETT 4
TSE 12500 & TSF 16000	12.5kVA & 16kVA	560	320	470	400	160	10	120	ETT 3
TSE 16000 & TSF 20000	16kVA & 20kVA	560	340	470	400	180	10	160	ETT 4
TSE 20000 & TSF 25000	20kVA & 25kVA	560	380	470	400	220	10	190	ETT 4
TSE 25000 & TSF 32000	25kVA & 32kVA	700	400	600	540	260	12	220	ETT 5
TSE 32000 & TSF 40000	32kVA & 40kVA	700	425	600	540	285	12	280	ETT 5
TSE 40000 & TSF 50000	40kVA & 50kVA	700	450	600	540	310	12	320	ETT 5
TSE 56000	56kVA	820	485	850	480	285	20	380	ETT 8
TSF 60000	60kVA	700	500	600	540	360	12	390	ETT 6
TSF 80000	80kVA	820	520	850	480	340	20	490	ETT 8
TSF 100000	100kVA	820	590	850	480	390	20	590	ETT 8
TSF 120000	120kVA	820	640	850	480	440	20	680	ETT 8



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