

TTS Range

Custom 3 Phase -
1 Phase Transformers
(0 - 50kVA)



Product Data Sheet 403/2 Issue 0

CUSTOM THREE PHASE TO SINGLE PHASE

0 - 50 kVA

A range of three phase to single phase transformers designed for optimum performance using low watt loss cores. The core construction transformers have terminal blocks or screw stud connections for higher currents. Fixing is by channel brackets with larger sizes having lifting eyes to ease installation.

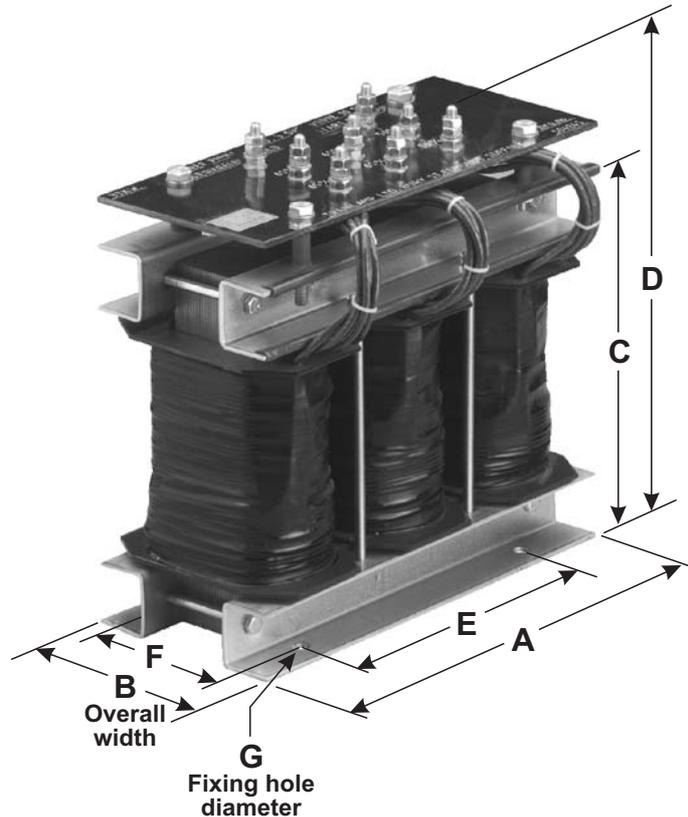
Designed to customer requirements, earth screens can be fitted if required. All transformers are supplied with a polyester varnish finish, a tropicalised enveloping varnish is optional. They are designed to operate in a maximum ambient temperature of 30 deg C without derating.

Smaller three phase transformers than those shown are available, details on application.

A full range of steel stove enamelled enclosures is available for all types, see Data Sheet 408.

SPECIFICATION

- Temperature range: - 10 C to + 50 C
- Insulation: To BS 2757 class E
- Regulation: 1 - 6% dependant on design
- Flash test: 3 kV for 1 minute minimum
- Maximum voltage: 600 V



Dimensions mm

Product Reference	Rating kVA	A	B	C	D	E	F	G	Weight kg	Enclosure Reference
TTS 1	0 - 500VA	297	105	118	147	262	68	5X9	12	ENV 6
TTS 2	501VA - 1.0	345	122	137	166	328	85	6X11	17	ENV 6
TTS 3	1.1 - 2.5	360	120	250	330	240	75	12	25	HDE 0
TTS 3.5	2.6 - 3.3	360	150	250	330	240	95	12	31	HDE 0
TTS 4	3.4 - 4.5	360	170	250	330	240	115	12	40	HDE 3
TTS 5	4.6 - 6.6	360	175	280	360	240	115	12	50	HDE 3
TTS 6	6.7 - 9.0	360	195	280	360	240	140	12	62	HDE 3
TTS 7	9.1 - 12.0	420	175	400	470	300	120	12	80	HDE 4
TTS 8	12.1 - 15.0	420	195	400	470	300	140	12	105	HDE 4
TTS 9	15.1 - 18.0	420	220	400	470	300	164	12	120	HDE 4
TTS 10	18.1 - 20.0	420	245	400	470	300	180	12	150	HDE 4
TTS 11	20.1 - 26.0	465	240	520	660	360	180	12	185	HDE 5
TTS 12	26.1 - 35.0	465	270	520	660	360	210	12	215	HDE 5
TTS 13	35.1 - 50	465	300	520	660	360	240	12	280	HDE 5

TTS 1 - 6 TERMINAL BLOCKS WHERE APPROPRIATE, STUDS FOR HIGHER CURRENTS

TTS 7 - 13 STUD TERMINALS FITTED AS STANDARD

ALL DIMENSIONS ARE NOMINAL AND REFER TO 50/60 Hz ONLY

HIGHER FREQUENCY TRANSFORMERS AVAILABLE. DIMENSIONS ON REQUEST