

TCF Range

Custom 1 Phase Transformers
(3.6kVA - 65kVA)



Product Data Sheet 402/2 Issue 0

CUSTOM SINGLE PHASE DOUBLE WOUND

3.6 kVA - 65 kVA

A range of core construction transformers having terminal blocks or screw stud connections for higher currents. The transformers incorporate low watt loss cores for a good VA to weight ratio. Fixing is by channel brackets with larger sizes having lifting eyes to ease installation.

Designed to customer requirements, the transformers can be fitted with earth screens between windings. All transformers have a polyester varnish finish, a tropicalised enveloping varnish is optional. They are designed to operate at a maximum ambient temperature of 30 C without derating.

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

SPECIFICATION

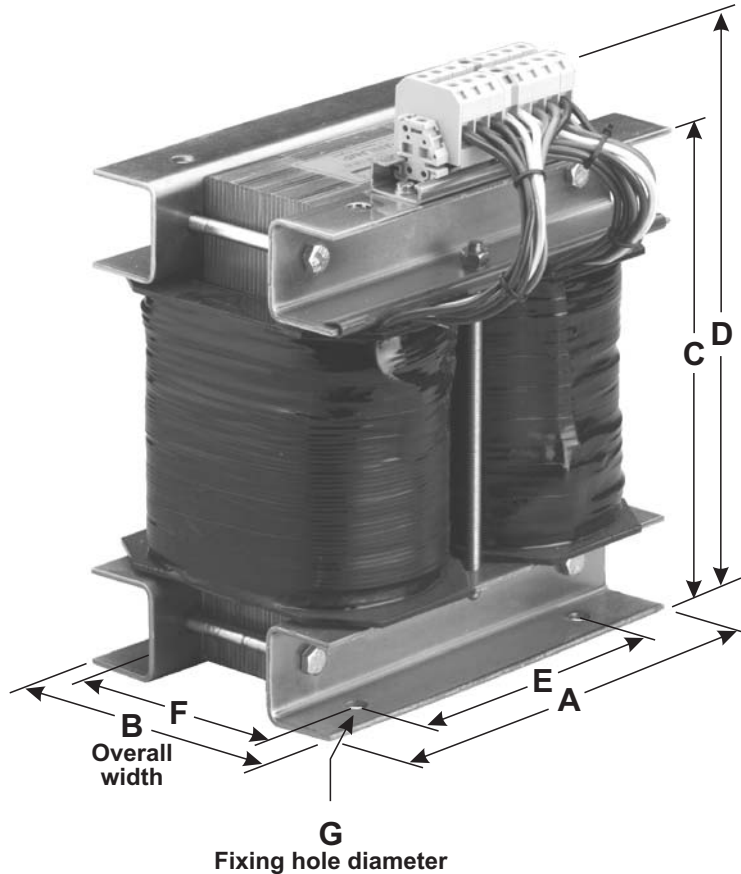
Temp. range: - 10 C to + 50 C

Insulation: To BS 2757 class E

Regulation: 1 - 3.5% dependant on design

Flash test: 3 kV for 1 minute minimum

Max. voltage: 600 V



Dimensions mm

Product Reference	Rating kVA	A	B	C	D	E	F	G	Weight kg	Enclosure Reference
TCF 1	3.6 - 4.5	240	170	250	330	160	115	12	30	ENV 6
TCF 2	4.6 - 6.5	240	175	280	330	160	115	12	37	ENV 6
TCF 3	6.6 - 7.5	240	195	280	330	160	140	12	45	ENV 6
TCF 4	7.6 - 12	280	175	400	470	160	120	12	60	HDE 1
TCF 5	12.1 - 16.0	280	195	400	470	160	140	12	80	HDE 1
TCF 6	16.1 - 20.0	280	220	400	470	160	164	12	100	HDE 1
TCF 7	20.1 - 24.0	280	245	400	470	160	186	12	120	HDE 1
TCF 8	24.1 - 30.0	310	240	520	660	240	180	12	140	HDE 2
TCF 9	30.1 - 40.0	310	270	520	660	240	210	12	180	HDE 2
TCF 10	40.1 - 50.0	310	300	520	660	240	240	12	220	HDE 2
TCF 11	50.1 - 65.0	310	360	520	660	240	300	12	260	-

TCF 1 - 4 TERMINAL BLOCKS WHERE APPROPRIATE, STUDS FITTED FOR HIGHER CURRENTS

TCF 5 - 10 STUD TERMINALS FITTED AS STANDARD

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

HIGHER FREQUENCY TRANSFORMERS AVAILABLE. DIMENSIONS ON REQUEST