

Pole Top - Three Phase

THREE PHASE SMALL CAPACITY POLE MOUNTED TRANSFORMERS

Product Data Sheet

Revision: 3

Document No. 904 - 0002

ETEL

ISO 9001 Registered

ETEL has brought over 25 years of experience in Distribution Transformers together with state of the art manufacturing techniques to produce high quality, low loss three phase Polemounted Transformers.

The Small Capacity Pole Top Selection includes platform and pole bolted arrangements from 15kVA through to 75kVA (100 - 630kVA capacity available in larger housing) as utilised in New Zealand, Australia and the Pacific Islands.

ETEL offers as standard the best long-term finish, utilising fully Hot Dipped Galvanised Tanks and Lids. Painted and other solutions are available.



Features

- Integrated pole brackets and spacer bars
- Lid mounted HV bushings
- Long life hot dipped galvanized finish
- 15 to 75kVA
- HV and LV Eyebolt Terminations standard, other options available

Technical Specifications

Core Type	Distributed gap wound core, shell type transformers
Electrical Steel Type	Cold rolled, grain oriented, silicon steel sheets
Tank Sealing	Hermetically sealed
Oil Type	Oil filled to BS148 and AS1767
HV Volts	11000, 22000, 33000
LV Volts	415 - 240V Dyn11 433 - 250V Dyn11 standard, others available.
HV Tappings	+5% to -7.5% in 2.5% steps. As standard.
Oil / Winding Rises	60 / 65°C
BIL / Power Frequency Levels	95kVpeak / 28kVrms 150kVpeak / 50kVrms 200kVpeak / 70kVrms
Maximum Operating Pressure	35kPA

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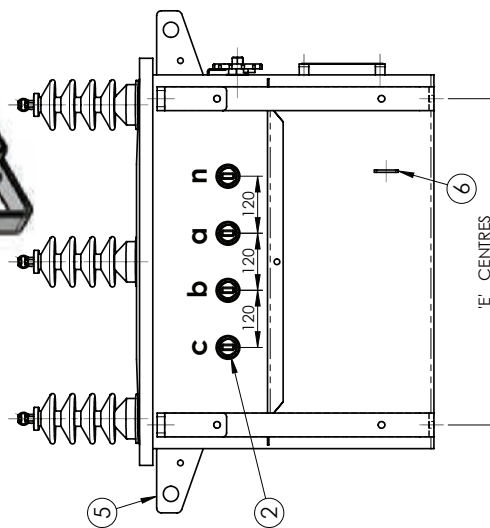
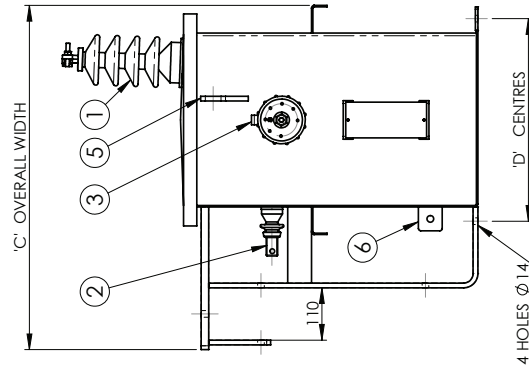
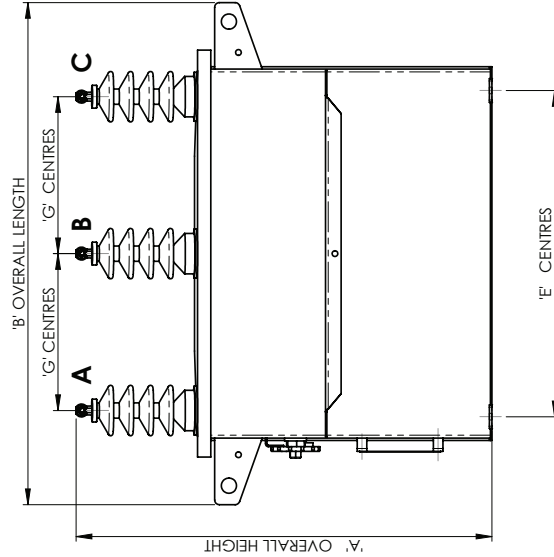
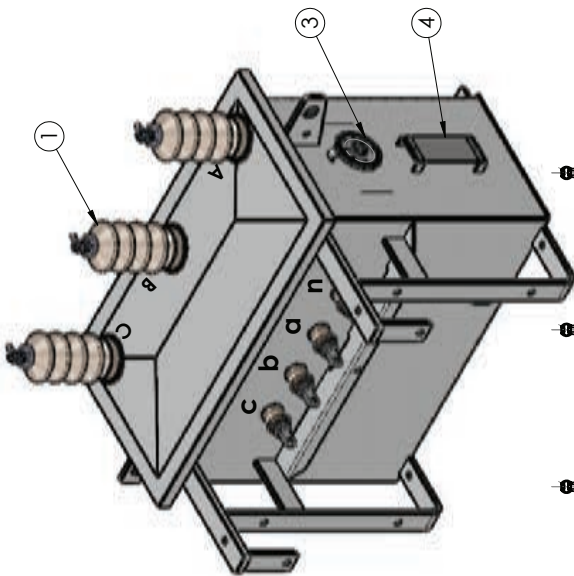
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kVA	'A' HEIGHT	'B' LENGTH	'C' WIDTH	'D' CENTRES	'E' CENTRES	'G' CENTRES	OIL Litres	UNTANKING MASS kg	TOTAL MASS kg
15	800	855	710	420	600	265	80	100	240
30	870	1035	720	430	685	330	110	150	325
50	960	1125	750	460	685	330	155	225	450
75	1070	1095	730	480	745	330	175	280	540

ITEM	DESCRIPTION
1	FLUSHING TAP NO. 7 - 45 DEG. EVERETT
2	FLUSHING KEY - 25MM NO. 7
3	TAP SWITCH HANDLE BUSHING BRACKET
4	BATTERY PLATE
5	LIFTING LUG
6	ENCLOSING - STAINLESS STEEL



REV	DESCRIPTION	DRAWN	DATE	APPD.	DRAWN	DATE
.	.	A. ROBERTS	.	.	A. ROBERTS	26 MAY 2011
.	.	CHECKED	.	.	VIRGILIO	.
.	.	DATE	.	.	DATE	26 MAY 2011
.	.	SCALE	.	.	SCALE	.
.	.	TOLERANCE	.	.	TOLERANCE	.

GENERAL ARRANGEMENT	
3 Ø POLE CROSS-ARM TRANSFORMER	
11000 / 4.15 - 24.0V	
15kVA, 30kVA, 50kVA, 75kVA	

GTEL	
Distribution Transformers	
DRAWING No.	D904.0030.3001
REV	A