

Pole Top - Single Phase

SINGLE PHASE POLE MOUNTED TRANSFORMERS

Product Data Sheet

Revision: 3

Document No. 904 - 0090

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 single phase Polemounted Transformers.

The Single Phase Pole Top Selection includes platform and pole bolted arrangements from 10kVA through to 50kVA (100-150 also available in rectangular 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
- 10kVA to 150kVA
- 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	480 - 240V (series – parallel) 500 - 250V (series – parallel) 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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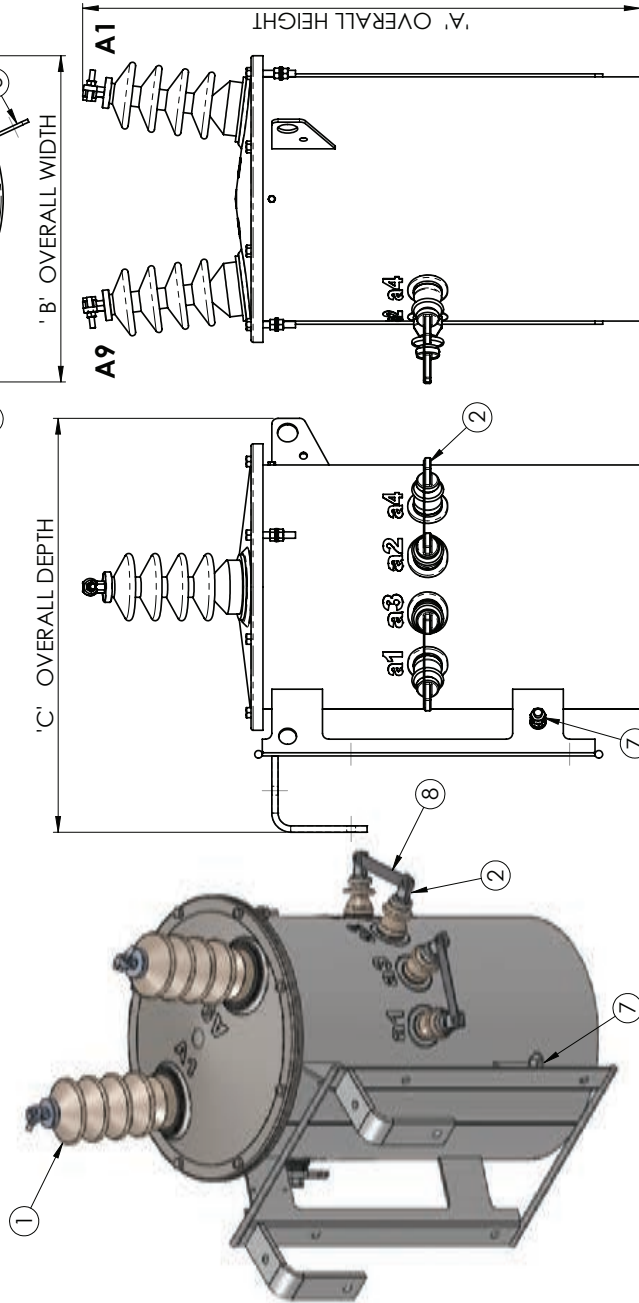
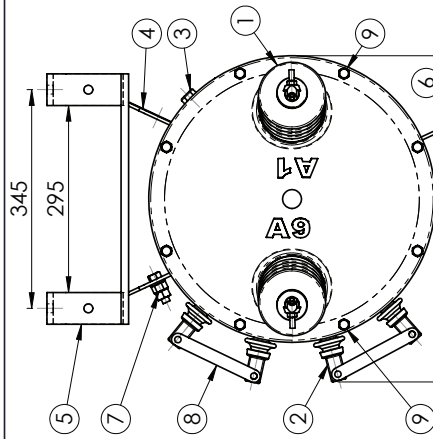
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ITEM No	DESCRIPTION
1	HV BUSHING 11kV E5AA No75 4 SHED TWO PIECE EYE BOLT
2	LV BUSHING 415V E5AA No71
3	TAPSWITCH HANDLE & LOCKING BRACKET
4	RATING PLATE
5	CROSS ARM POLE MOUNTING BRACKET
6	LIFTING LUG
7	EARTH - M12 SET SCREW, WASHERS & NUTS
8	SERIES / PARALLEL LINK
9	LONG SET SCREW FOR OPTIONAL BOLT ON SURGE ARRESTOR



kVA	DIM 'A'	DIM 'B'	DIM 'C'	OIL Litres	UNTANKING MASS kg	TOTAL MASS kg
10	880	520	650	48	70	160
15	880	520	650	45	70	160
30	1050	520	650	57	148	236
50	1050	650	790	100	180	325

REV	DESCRIPTION	DRAWN	DATE	APPD.	DRAWN	DATE	CHECKED	DATE	SCALE	TOLERANCE
.					A ROBERTS	17 MAY 2011	VRGLIO	17 MAY 2011		
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Distribution Transformers	
DRAWING No.	D904.0010.1001
REV	A

GENERAL ARRANGEMENT	
1Ø POLE CROSS-ARM TRANSFORMER 11000/480-240V 10kVA, 15kVA, 30kVA, 50kVA	