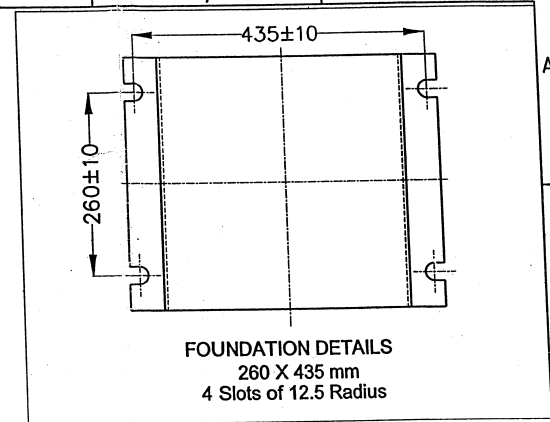
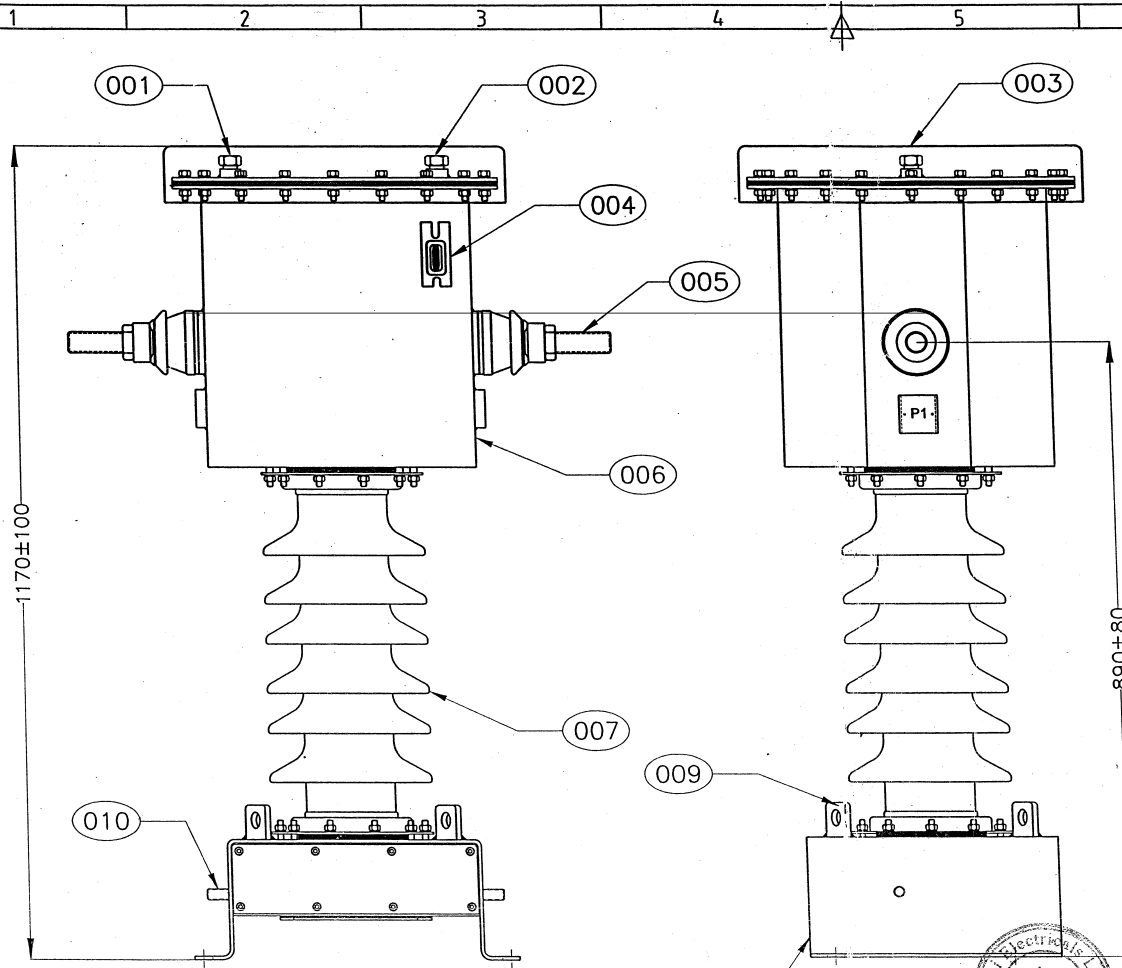


ALL DIMENSIONS ARE IN mm & WEIGHTS ARE IN kg
UNLESS OTHERWISE SPECIFIED.

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REPRODUCTION OF THESE IN ANY FORM IS TO BE DONE WITH THE SPECIFIC PERMISSION OF THE COMPANY.



RATIO : 1200-300-400/1-0.5775,1-1A

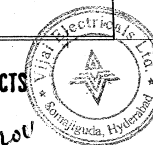
02	---	010	EARTHING BOLT	---	M.S.	
02	---	009	LIFTING LUGS	---	M.S.	
01	---	008	BOTTOM TANK	---	M.S.	
01	---	007	INSULATOR	---	PORCELAIN	
01	---	006	TOP TANK	---	M.S.	
02	---	005	PRIMARY TERMINAL (Ø30X80)	---	TINNED COPPER	
01	---	004	OIL LEVEL GAUGE	---	PRISMATIC	
01	---	003	RAIN SHIELD	---	ALUMINIUM	
01	---	002	OIL FILLING PLUG	---	M.S.	
01	---	001	PRESSURE RELEASE DEVICE	---	BRASS	
VAR. NO.	FINISH	ITEM No.	DESCRIPTION	DRAWING No.	V.VAR ITEM No.	MATERIAL CODE MATERIAL SPECN
QTY.						QTY.

NOTE :

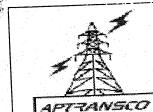
- 1.All metal parts exposed to atmosphere are Zinc Rich Epoxy Painted.
- 2.Min.Creepage Distance. :900mm

CHIEF ENGINEER / CONSTRUCTION-1
APTRANSCO/VIDYUTH SOUDHA/HYD

APPROVED FOR TURNKEY PROJECTS



REV	DATE	ALTERED	QA
		CHECKED	



Standardised GA Drawing for 36 KV Current Transformer of Ratio 1200-800-400/1-0.5775,1-1A,
(M/s Vijai Electricals make)
STD/GTP-DWG/Approval No. **204-22-Sheet1** Revision No. 0
Designed & Approved during **October - 2011**

CHECKED

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: **APTRANSCO**

Vijai Electricals Ltd.
Switchgear Products Division
Hyderabad.

DRN	NAME	DATE
CHD	NAME	DATE
APD	NAME	DATE

REF TO ASSY DRG. ---

DRAWING No. **3-302-00-127**

GRADE OF TOLDIM C/M/F PS NO: CP 1 0010

SCALE: NTS

TITLE: G.A. DRAWING OF 36 KV CT

102

CURRENT TRANSFORMER

STANDARD	IS:2705:1992.		HIGHEST SYSTEM VOLTAGE	36 kV	
FREQUENCY	50 Hz		RATED SYSTEM VOLTAGE	33 kV	
RATED S.T.C	25 kA rms / 1 Sec.		TYPE DESIGNATION	LT36	
Idy	62.5 kAP		INSULATION LEVEL	70/170 kV/KVP	
QTY. OF OIL	55 Lts(Appx)	WT. OF CT	90 Kg (Appx)	RATED THERMAL CURRENT	1440
CORE			CORE - I	CORE - II	CORE - III
RATIO		PRIMARY (A)	1200-800-400	1200-800-400	1200-800-400
		SECONDARY (A)	1	0.5775,1	1
RATED BURDEN (VA)			15	--	15
ACCURACY CLASS			5P	PS	0.2
I.S.F / A.L.F			10	--	<5
KNEE POINT VOLTAGE (V)			--	*40I(Rct+10) at 1200/1A	--
RESISTANCE AT 75°C (Ohm)			--	< 5 at 1200/1A Δ	--
MAG. CURRENT at V _k (mA)			--	< 30 at 1200/1A	--

*. Knee point voltage shall be calculated on the basis of measured secondary winding resistance at mentioned tap.



Vijai Electricals Ltd., Hyderabad, INDIA.

YEAR OF MANUFACTURING

Sl. No.

CUSTOMER:

P.O NO:

RATIO	PRIMARY TERMINALS	SECONDARY CONNECTION		
		CORE I	CORE II	CORE III
1200/1	P1-P2	1S1-1S4	2S1-2S5	3S1-3S4
800/1	P1-P2	1S1-1S3	2S1-2S4	3S1-3S3
400/1	P1-P2	1S1-1S2	2S1-2S2	3S1-3S2
1200/0.5775	P1-P2	--	2S1-2S7	--
800/0.5775	P1-P2	--	2S1-2S6	--
400/0.5775	P1-P2	--	2S1-2S3	--



CAUTION
SECONDARY TERMINALS MUST BE SHORTED AND EARTHED
WHEN NOT IN USE / BEFORE DISCONNECTING THE BURDEN

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RATIO : 1200-800-400/1-0.5775,1-1A

APPROVED FOR TURNKEY PROJECTS

CHIEF ENGINEER / CONSTRUCTION-1
APTRANSCO/VIDYUTH SODHA/HYD



Standardised Rating and connection Drawing for 36 kV Current Transformer of Ratio 1200-800-400/1-0.5775,1-1A, (M/s Vijai Electricals make)

STD/GTP-DWG/Approval No. **204-22-Sheet2** Revision No. 0

Prepared & Approved during **October - 2011**



DISTRIBUTION OF PRINTS				DISTRIBUTION OF PRINTS			
REV	DATE	ALTERED	BY	REV	DATE	ALTERED	BY
02	3.10.11	CHECKED	...	01	20.06.11	CHECKED	...
CHANGES HAVE BEEN MADE AS PER THE CUSTOMER COMMENTS AND THE CHANGES ARE MARKED THUS Δ							

VAR. 00	FINISH	ITEM No.	DESCRIPTION	DRAWING No.	V.VAR	MATERIAL CODE	WEIGHT/UNIT
QTY.					ITEM No.	MATERIAL SPECN	QTY.
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT				APTRANSCO			
Vijai Electricals Ltd. Switchgear Products Division Hyderabad.				NAME	SIGN	DATE	
				DRN	LAKSHMI	SD	20.06.11
				CHD	NAVEEN	SD	20.06.11
				APD	HGY	SD	20.06.11
GRADE OF TOL.DIM C/M/F				REF TO ASSY DRG.	ITEM No.		
				---	---		
TITLE : RATING & CONNECTING DIAGRAM FOR 36KV CT				DRAWING No.	REV 02		
				3-302-00-127			
				SHEET No. 02	No OF SHEETS. 02		

NOTE :-

1. MATERIAL: ALUMINIUM ANODISED.
2. DETAILS: BY ETCHING PROCESS, WHITE LETTERS - BLACK BACKGROUND.