

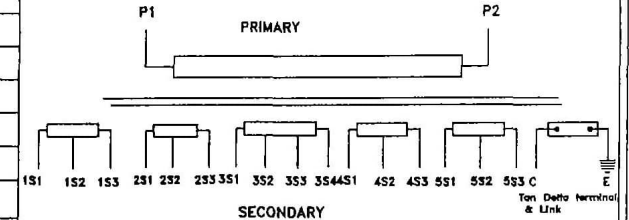
CURRENT TRANSFORMER

MADE TO IS: 2705/1992 Rated dynamic current =2.5 times of short time thermal current. Rated cont thermal current 120%

HIGHEST SYSTEM VOLTAGE	36 kV	INSULATION LEVEL				70/170 kV
RATED S.T.C	25 kA for 3 sec	RATED FREQUENCY				50Hz
Nominal System voltage	33kV	CORE 1	CORE 2	CORE 3	CORE 4.	CORE 5
RATIO	PRIMARY (Amp)	300-600	300-600	150-300-600	300-600	300-600
	SECONDARY (Amp)	1	1	1	1	1
SECONDARY TERMINALS		1S1-1S2-1S3	2S1-2S2-2S3	3S1-3S2-3S3-3S4	4S1-4S2-4S3	5S1-5S2-5S3
RATED BURDEN IN V.A		----	----	20 VA	----	----
ACCURACY CLASS		PS	PS	0.2	PS	PS
ALF / ISF		----	----	----	----	
Min Knee point voltage		300/600 V	300/600 V	----	300/600 V	300/600 V
Max Rct AT 75 DEG C		5/10 Ohms	5/10 Ohms	----	5/10 Ohms	5/10 Ohms
Max Iext at VK		120 mA	120 mA	----	120 mA	120 mA
Year OF MANUFACTURE		SERIAL NO.				

SUITABLE FOR HOT LINE WASHING

CONNECTION DIAGRAM



FOR RATIO	Primary Connection	Secondary Connection				
		CORE I	CORE II	CORE III	CORE IV	CORE V
150 A	P1 - P2	----	----	3S1-3S2	----	----
300 A	P1 - P2	1S1-1S2	2S1-2S3	3S1-3S3	4S1-2S2	5S1-5S2
600 A	P1 - P2	1S1-1S3	2S1-2S4	3S1-3S4	4S1-4S3	5S1-5S3

MADE IN INDIA BY

CAUTION : SECONDARY TERMINALS MUST BE SHORT CIRCUITED BEFORE THE BURDEN IS DISCONNECTED.

250±25

115±20

CUSTOMER	BIHAR STATE POWER TRANSMISSION CO. LTD		
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SUPPLY LOI NO.			
ERECTION LOI NO.			
PROJECT			
SUBSTATION			
VENDORS NAME			
DRG. TITLE	NAME PLATE DRAWING FOR 33 KV CT (120%)		
DRG. NO.	33-KV-CT-120-NP		
SCALE:	NTS	JCB NO:	SHEET

CURRENT TRANSFORMER

MADE TO IS: 2705/1992

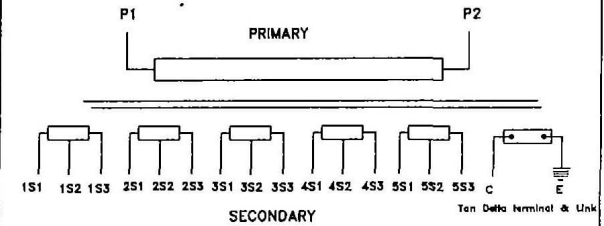
Rated dynamic current = 2.5 times of short time thermal current. Rated cont thermal current 120%

HIGHEST SYSTEM VOLTAGE	36 kV	INSULATION LEVEL				70/170 kV
RATED S.T.C	25 kA for 3 sec	RATED FREQUENCY				50Hz
Nominal System voltage	33kV	CORE 1	CORE 2	CORE 3	CORE 4.	CORE 5
RATIO	PRIMARY (Amp)	600-1200	600-1200	600-1200	600-1200	600-1200
	SECONDARY (Amp)	1	1	1	1	1
SECONDARY TERMINALS		1S1-1S2-1S3	2S1-2S2-2S3	3S1-3S2-3S3	4S1-4S2-4S3	5S1-5S2-5S3
RATED BURDEN IN V.A		----	30 VA	----	----	----
ACCURACY CLASS		PS	0.2	PS	PS	PS
ALF / ISF		----	----	----	----	----
Min Knee point voltage		600/1200 V	----	600/1200 V	600/1200 V	600/1200 V
Max Rct at 75 DEG C		9/18 Ohms	----	9/18 Ohms	9/18 Ohms	9/18 Ohms
Max Iext at VK		25 mA@1200/1A 50 mA@600/1A	----	25 mA@1200/1A 50 mA@600/1A	25 mA@1200/1A 50 mA@600/1A	25 mA@1200/1A 50 mA@600/1A
Year OF MANUFACTURE		SERIAL NO.				

MADE IN INDIA BY

SUITABLE FOR HOT LINE WASHING

CONNECTION DIAGRAM



FOR RATIO	Primary Connection	Secondary Connection				
		CORE I	CORE II	CORE III	CORE IV	CORE V
600/1A	P1 - P2	1S1-1S2	2S1-2S2	3S1-3S2	4S1-4S2	5S1-5S2
1200/1A	P1 - P2	1S1-1S3	2S1-2S3	3S1-3S3	4S1-4S3	5S1-5S3

CAUTION : SECONDARY TERMINALS MUST BE SHORT CIRCUITED BEFORE THE BURDEN IS DISCONNECTED.

250±30

100±15

CUSTOMER	BIHAR STATE POWER TRANSMISSION CO. LTD.		
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SUPPLY LOI NO.			
ERECTION LOI NO.			
PROJECT			
SUBSTATION			
VENDORS NAME			
DRG. TITLE	NAME PLATE DRAWING FOR 33 KV CT (120%)		
DRG. NO.	33-KV-CT-120-NP		
SCALE:	NTS	JOB NO:	SHEET