

NOTE: 1. DRAWING APPROVAL SUBJECT TO VALID TYPE TEST REPORTS, TO BE CHECKED DURING ACCEPTANCE TESTS  
2. FOR EPC CONTRACTS ONLY



# GREEN SECURE ENERGY SYSTEMS,.

Drawing approval subject to valid vendor registration

## CT JUNCTION BOX FOR 33kV FEEDER / CAPACITOR BANK

Customer	: M/s. APTRANSCO		
Project Name	: AS APPLICABLE		
CONTACTOR	: AS APPLICABLE		
Manufacturer	: M/s. Green Secure Energy Systems		
P.O. No.	: AS APPLICABLE		
Job No.	: AS APPLICABLE		
Drawing No.	: GSS-CTMB-STD		
Quantity	: AS APPLICABLE		
<b>Chief Engineer/Projects APTRANSCO/VS/Vijayawada.</b>			
Drawn By RAMESH C	Checked By Bhaskar	Approved By Jothiswar	Total no. of pages 04

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					GREEN SECURE ENERGY SYSTEMS,.		DRN	RC	SCALE	NA
							CHD	BB	DATE	06.10.2022
					PT JUNCTION BOX FOR 33kV		APPD	JR	SHEET NO.	
					COVER SHEET		DRAWING No.		01 OF 04	
							GSS-CTMB-STD		REV.	R0

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SH.NO.	DESCRIPTION	SHEET NO.	REV. No.
01	COVER SHEET	01 OF 04	R0
02	TABLE OF CONTENT	02 OF 04	R0
03	GENERAL ARRANGEMENT	03 OF 04	R0
04	GENERAL NOTES	04 OF 04	R0

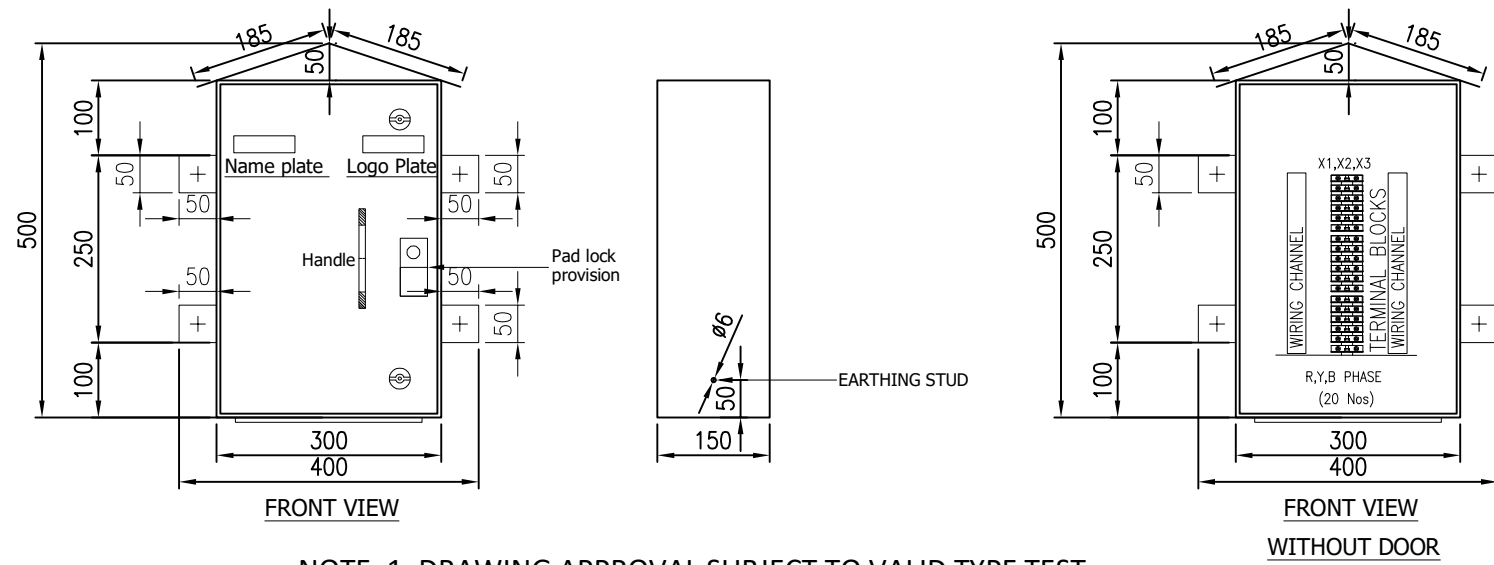
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				TITLE	PT JUNCTION BOX FOR 33KV		APPD	JR	SHEET NO.	
					PAGE TYPE	TABLE OF CONTENT		DRAWING No.		02
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SI. No.	SPECIFICATION
1	THE CT MARSHALLING BOX IS MADE UP OF 2MM CRCA SHEET.
2	THE SIZE OF THE BOX IS 500 x 300 x 150mm, WITH HINGED TYPE DOOR, VERMIN PROOF AND WEATHER PROOF.
3	20 NO'S DISCONNECTING AND TESTING TYPE TERMINAL OF JAINSON / ELMEX(CARD M4)
4	RUBBER BEADING PROVIDED AROUND THE DOOR AND 6NO'S CABLE GLANDS PROVIDED.
5	2 NO'S EARTHING STUDS OF 6MM DIA WITH FLAT AND SPRING WASHERS, THE DOORS OF THE BOX WAS PROVIDED WITH PANEL TYPE LOCK.
6	THE TOP PORTING OF THE BOX WAS SLANTING SO THAT THE RAIN WATER WILL FAIL AWAY EASILY.
7	NECESSARY BRACKETS ON THE BACK SIDE OF THE BOX, PROVIDED FOR MOUNTING ON THE STRUTURES.
8	END PLATE WITH STAPER SHALL BE PROVIDED AT THE BOTH END STOP THE TB COLLUM

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THIS SPECIFICATION COVERS A PART OF ELECTRICAL EQUIPMENT INCLUDING DESIGN MANUFACTURING, TEST AT SHOP AND LOADING FOR SHIPMENT ETC SPECIFIED HERE IN AFTER.		
CLASSIFICATION	PROJECT	<input checked="" type="checkbox"/> DOMESTIC
APPLICABLE STANDARDS	IS	<input checked="" type="checkbox"/> IS:3427
NORMAL SERVICE CONDITION	ALTITUDE	<input checked="" type="checkbox"/> : < 1000M
	AMBIENT TEMPERATURE	<input checked="" type="checkbox"/> : 50°C
	RELATIVE HUMIDITY	<input checked="" type="checkbox"/> : 90%
STRUCTURE	MATERIAL	<input checked="" type="checkbox"/> CRCA
	TYPE OF APPLICATION	<input checked="" type="checkbox"/> INDOOR
	THICKNESS	<input checked="" type="checkbox"/> 2MM
	GLAND PLATE	<input checked="" type="checkbox"/> CRCA
	THICKNESS	<input checked="" type="checkbox"/> 3MM
	TYPE OF MOUNTING	<input checked="" type="checkbox"/> WALL MOUNTING
	DEGREE OF PROTECTION	<input checked="" type="checkbox"/> IP : 55
	ACCESSIBILITY	<input checked="" type="checkbox"/> FRONT
	PAINT SHADE	<input checked="" type="checkbox"/> 631 OF IS-5 POWDER COATING
	PAINT THICKNES	<input checked="" type="checkbox"/> 60-80 MICRONS
ENCLOSURE DIMENSION	<input checked="" type="checkbox"/> 500(H) x 300(W) x 150(D)	
WEIGHT OF ENCLOSER	<input checked="" type="checkbox"/> APPROX. 25 KG'S.	
CABLE ENTRY DETAILS:	INCOMING CABLE ENTRY	<input checked="" type="checkbox"/> BOTTOM
	OUTGOING CABLE EXIT	<input checked="" type="checkbox"/> BOTTOM
EARTHING	ENCLOSURE EARTHING	: SUITABLE EARTHING BOLTS WILL BE PROVIDED. 2 NOS WITH PLAIN AND SPRING WASHERS.
	DOOR EARTHING	: 2.5 SQ.MM GREEN STRIPPED YELLOW COLOUR CABLE
NAME PLATE DETAILS	COLOUR OF BACKGROUND	<input checked="" type="checkbox"/> BLACK
	COLOUR OF LETTERS	<input checked="" type="checkbox"/> WHITE
	MATERIAL	<input checked="" type="checkbox"/> ANNODISED ALUMINIUM
INPECTION & TEST		<input checked="" type="checkbox"/> VISUAL INPECTION
		<input checked="" type="checkbox"/> DIMENSION VERIFICATION
		<input checked="" type="checkbox"/> BOM VERIFICATION
LANGUAGES		<input checked="" type="checkbox"/> ENGLISH
PACKING		<input checked="" type="checkbox"/> BLUE SHEET AND BUBBLE SHEET PACKING SUITABLE FOR ROAD TRANSPORT
<b>NOTES: FOR ENCLOSURE THICKNESS</b> 1. FOR LOADING MEMBER- 2 MM 2. FOR NON-LOADING MEMBER- 2 MM 3. PROTECTION FOR PANEL - IP : 55		

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