

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,.

CT JUNCTION BOX FOR 132KV CT AND 33KV LV CT

| | | | |
|-----------------------|------------------------------------|--------------------------------------------------------------------|--------------------------|
| Customer | : M/s. APTRANSCO | Drawing approval subject to valid vendor registration | |
| Project Name | : AS APPLICABLE | | |
| CONTACTOR | : AS APPLICABLE | | |
| Manufacturer | : M/s. Green Secure Energy Systems | Chief Engineer/Projects APTRANSCO/VIS/Vijayawada. | |
| P.O. No. | : AS APPLICABLE | | |
| Job No. | : AS APPLICABLE | | |
| Drawing No. | : GSS-CTMB-STD | | |
| Quantity | : AS APPLICABLE | | |
| Drawn By Praveen M | Checked By Bhaskar | Approved By Jothiswar | Total no. of pages 04 |

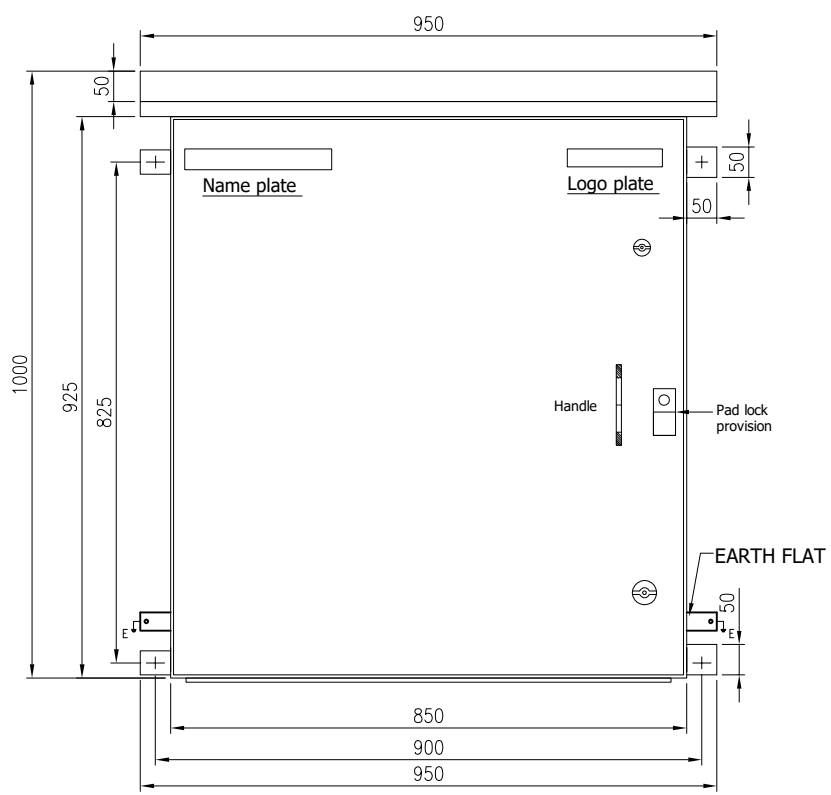
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|----|------------|------------------------------------------------|----|
| R3 | 23.09.2022 | REVISED AS PER CUSTOMER COMMENTS ON 23.09.2022 | RC |
| R2 | 03.08.2022 | REVISED AS PER CUSTOMER COMMENTS | BB |
| R1 | 25.07.2022 | REVISED AS PER CUSTOMER COMMENTS | BB |

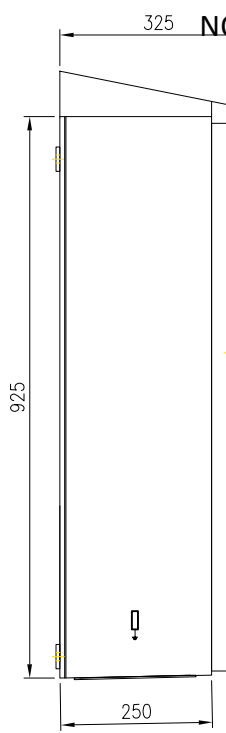
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|------------------------------------------|--------------------------------|-----------------------------|-----------|------------|
| GREEN SECURE ENERGY SYSTEMS,. | DRN | PM | SCALE | NA |
| | CHD | BB | DATE | 16.06.2022 |
| TITLE PAGE TYPE COVER SHEET | CT JUNCTION BOX FOR 132KV/33KV | | APPD | JR |
| | | | SHEET NO. | |
| | | | 01 | OF 04 |
| | | DRAWING No. GSS-CTMB-STD | REV. | R3 |

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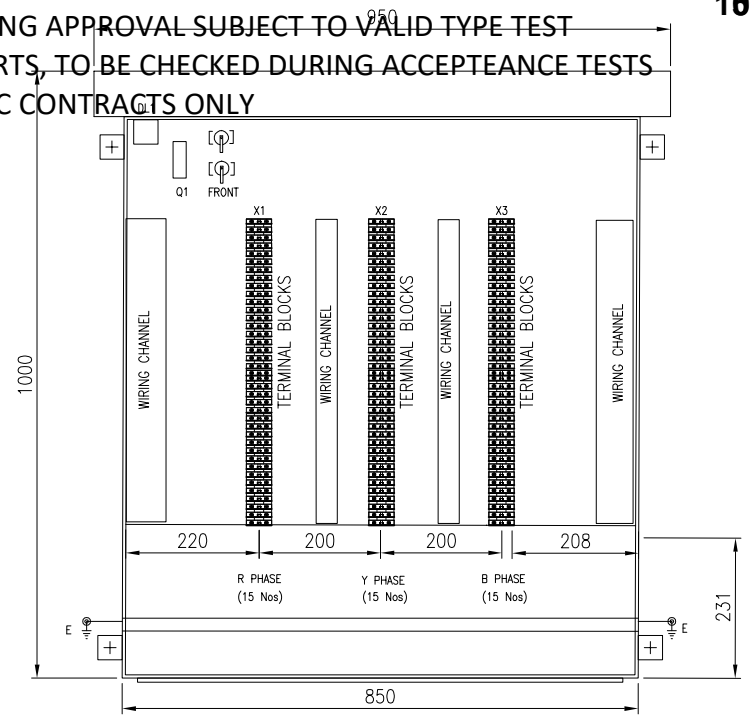


FRONT VIEW



SIDE VIEW

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FRONT VIEW WITHOUT DOOR

**Chief Engineer/Projects
APTRANSCO/Vs/Vijayawada.**

BILL OF MATERIALS :

| SI. No. | TAG | SPECIFICATION | MAKE | UOM | QTY |
|---------|-------|-----------------------------------------------------------------------------------------------------------------|-------------------|-----|-----|
| 1 | DL | DOOR LAMP 230V AC, 5 WATTS | PHILIPS/ANCHOR | NOS | 1 |
| 2 | DLS | DOOR LIMIT SWITCH NC-(Refring Switch), 230V AC | SURAJ/REPUTED | NOS | 1 |
| 3 | S1,S2 | TOGGLE SWITCH-PM-SPST-ON/OFF-10A, 230V AC | SURAJ/REPUTED | NOS | 1 |
| 4 | NL | DISCONNECTING TYPE NEUTRAL LINK | SURAJ/REPUTED | NOS | 3 |
| 5 | MCB | MINIATURE CIRCUIT BREAKER 10A, TP, 10KA. | L&T/ABB/SIEMENS | NOS | 1 |
| 6 | TB | TERMINAL BLOCK DISCONNECTING TYPE 6SQMM. END PLATES WITH STOPPER SHALL BE PROVIDED AT BOTH THE END OF TB COLUMN | CONNECTWELL/ELMEX | NOS | 45 |

- DL-1 Door Lamp-CFL-5W-230V AC
- DS1-PB-Door Lamp-NC-(Refring Switch)
- S1,2-Toggle Switch-PM-SPST-ON/OFF-10A
- N(1-3)-Disconnecting type Neutral link
- Q1-MCB-16A-2P-10KA-C curve
- X1,X2,X3-Terminals Blocs (Disconnecting Type)

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|-------|--------------------------------|---------------------|----|-------|--------------|----|-----------|----|
| | | DRN | PM | SCALE | NA | | | |
| | | CHD | BB | DATE | 16.06.2022 | | | |
| TITLE | CT JUNCTION BOX FOR 132KV/33KV | | | | APPD | JR | SHEET NO. | |
| | GENERAL ARRANGEMENT | | | | DRAWING No. | | 03 OF 04 | |
| | PAGE TYPE | GENERAL ARRANGEMENT | | | GSS-CTMB-STD | | REV. | R3 |

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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"/> 1000(H) x 850(W) x 250(D) | |
| WEIGHT OF ENCLOSER | <input checked="" type="checkbox"/> APPROX. 45 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 |
| NOTES: FOR ENCLOSURE THICKNESS 1. FOR LOADING MEMBER- 2 MM 2. FOR NON-LOADING MEMBER- 2 MM 3. PROTECTION FOR PANEL - IP : 55 | | |

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