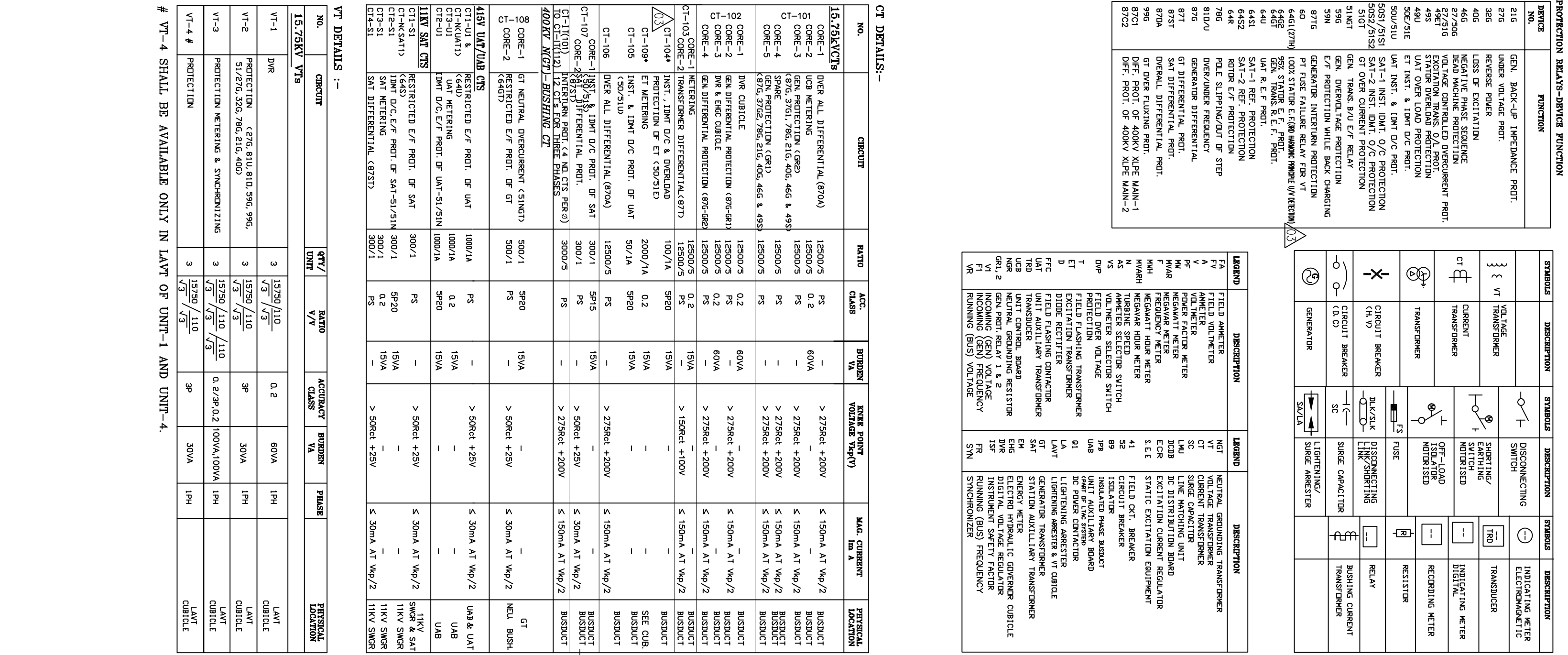




NOTES: -

- 1) EQUIPMENT RATINGS IS BASED ON TENDER DRAWINGS AND DATA PROVIDED BY OTHER DEPARTMENTS/UNITS. SAME MAY CHANGE DURING DOCUMENTS APPROVAL.
- 2) ALL OTHER UNITS HAVE BEEN PROVIDED WITH SIMILAR PROTECTION & METERING AS INDICATED FOR UNIT-1
- 3) ALL CTs AND PTs ARE OF SINGLE PHASE
- 4) LV/MV SIDE PROTECTION & METERING WILL BE SHOWN IN RESPECTIVE SLD FOR 415V LTAC SYSTEM & MV SLD.
- 5) THIRD HARMONIC VOLTAGE TESTING TO BE PERFORMED/RECORDED ON ALL GENERATORS DURING TESTING AND COMMISSIONING AT SITE FOR NO LOAD, 25% 50%, 75%, 100% & 110% LOAD. IF THE RECORDED MAGNITUDE OF 3RD HARMONIC VOLTAGE IS BELOW THE EXPECTABLE LEVEL OF RELAY SENSITIVITY, BHEL SHALL PROVIDE 100% STATOR EARTH FAULT BY LOW FREQUENCY INJECTION PRINCIPLE WITHOUT EXTRA COST TO THE EMPLOYER. ANY DELAY ON ACCOUNT OF THIS CHANGE FROM 3RD HARMONIC PRINCIPLE TO LOW FREQUENCY INJECTION SHALL BE ATTRIBUTABLE TO BHEL.
- 6) PROTECTION RELAY SETTING CALCULATION & RELAY COORDINATION SHALL BE PART OF RELAY SUPPLIER(OEM) AND SAME SHALL BE DULY VETTED BY BHEL BEFORE SUBMISSION TO SAPDC LTD. FOR FINAL APPROVAL/ACCEPTANCE.
- 7) SPLIT PHASE CTs MAY BE MOUNTED AT GENERATOR NEUTRAL OR PHASE SIDE AS PER AVAILABILITY OF SPACE. LOCATION MAY BE DECIDED DURING DETAILED ENGINEERING OF GENERATOR & IPBD.

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8) * – TO BE FINALIZED AFTER APPROVAL OF SEE DOCUMENT/DRAWING.

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED			CHECKED			CHECKED			CHECKED			CHECKED			CHECKED			CHECKED
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