

- c. Torch proof termination.
- d. Easy access to fixing holes
- e. Legible and easily accessible rating label/plate

#### **1.3.19.2 Current Transformers**

- A. Current transformers shall comply with BS 7626 and shall be suitably rated and designed to carry out appropriate function viz. metering and protection as specified in particular requirements.
- B. The secondary current of current transformer shall be 5 A unless specified otherwise
- C. The minimum Short Time Current Rating shall be 3 seconds.
- D. Identification labels giving type, ratios, accuracy, limit factor, rating, output and serial numbers shall be fitted. Duplicate rating labels are to be fitted on the exterior of the mounting chambers suitably located to enable reading without removal of any cover.
- E. Only Bar primary type current transformers shall be used.
- F. One secondary terminal of each current transformer shall be earthed through a removable link at the Switchgear.
- G. Secondary wiring of the current transformer shall be terminated on shorting type terminal block. The supplier of equipment (FBA) shall ensure shorting of CT secondary wiring through the terminals prior to the shipment of the equipments.

#### **1.3.19.3 Voltage Transformers**

- A. Voltage transformers used in conjunction with instrumentation where specified shall be of the isolatable type with a secondary 3 -Phase 110 volts.
- B. The transformers shall be epoxy resin and comply with BS. 7625.
- C. The primary and secondary windings shall be protected by H.R.C. fuses.
- D. The connections between the fuses and the primary conductors shall be adequately rated to withstand the short circuit rating of the Switchgear
- E. In the case of HV, automatically operating shutters shall be provided to conceal the HV orifices when the transformer is withdrawn. A padlock with non-interchangeable key shall be provided for the shutter.