

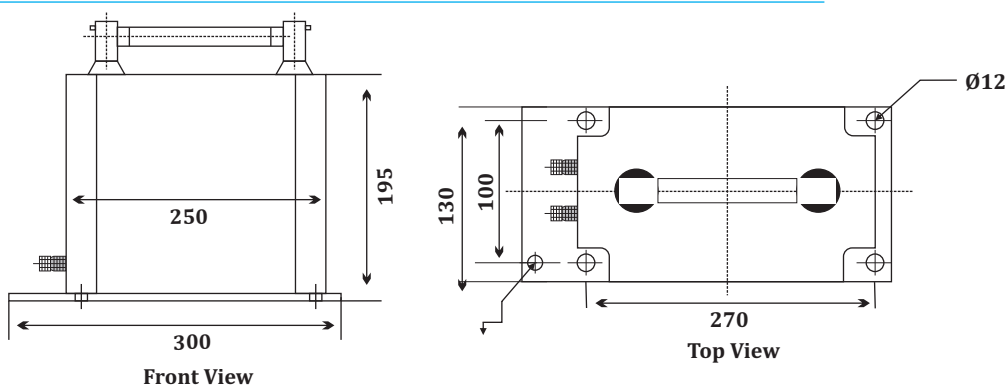
## 11 kV Potential Transformer (Epoxy Cast, with Fuse)

### DESCRIPTION

An 11 kV Potential Transformer (PT) with a resin cast and fuse is an electrical device that steps down 11,000 volts to a lower, safer voltage for measurement and protection purposes. The "resin cast" feature means the active parts are sealed in a durable epoxy resin for insulation and protection, while the fuse provides over current protection for the secondary side of the transformer. These are typically dry-type transformers used indoors.

Particulars	Specification
Type	Epoxy Cast, Indoor Potential Transformer (PT)
Standards	IS: 3156 / 1992
System Voltage	11 kV (as per requirement also)
Insulation Level	12 kV / 28 kV / 75 kVp (as per requirement also)
Ratio	11 kV $\sqrt{3}$ / 110 V $\sqrt{3}$ , single-phase / three-phase (as specified)
Frequency	50 Hz $\pm$ 5% - 60Hz
Connection	Star connected, secondary earth neutral system out
Accuracy Class	Cl. 0.1, 0.2 & 0.5s (as per specified)
Burden	5VA, 10 VA / 15 VA (or as specified)
Fuse	HT HRC fuse provided on primary side
Thermal Rating	Continuous 1.2 $\times$ rated voltage
Protection	Primary side fuse provided
Construction	Epoxy Resin Cast, Vacuum cast
Mounting	Indoor, base-mounted
Terminals	Brass Clamp
Ambient Temperature	-10°C to +50°C $\pm$
Service Conditions	Indoor type
Markings	As per IS: 3156 (Ratio, VA, Class, Serial No., Year, Standard)

Dimension



★ Other sizes on request

★ +5mm Tolerance all dimension in mm