

Shreem



Instrument Transformers

Shreem Electric Ltd.

Instrument Transformers

Features:

- Manufacturing as per IS-2705, 3156 & IEC 60044 standards.
- Completely oil filled and hermetically sealed.
- Highly durable.
- Constructed with best quality raw material.
- High performance base.

Construction:

- Voltage Class: 11KV to 33KV Class
- Oil Filled Outdoor Type.
- Single Phase Live or Dead Tank Type
- Secondary Current: 1A or 5A
- Primary Current, Accuracy Class, Burden, Short Time Current and Cores as Specified.

Current Transformers

Type	11 Kv	33 Kv
Rated Voltage	12 Kv	36 Kv
One minute power frequency voltage	28 Kv rms	70 Kv rms
Lightning impulse voltage	75 Kv peak	170 Kv peak
Rated frequency	50 Hz	50 Hz
Short time thermal current for 3 sec	25 kA rms	25 kA rms
Dynamic withstand current	62.5 KA peak	62.5 KA peak
Total creepage distance	300 mm	900 mm
Primary current	Up to 1250	Up to 1250
Secondary Current	1A/5A	1A/5A

Residual Voltage Transformer

Type	11 Kv	33 Kv
Rated Voltage	11 Kv	33 Kv
Ratio	11KV/100-190V	33KV/110-570V
One minute power frequency voltage	28 Kv rms	70 Kv rms
Lightning impulse voltage	75 Kv peak	170 Kv peak
Rated frequency	50 Hz	50 Hz
Total Crrepage Distance	300 mm	900 mm
Burden	100 VA	100 VA
Insulation Level	28/75 Kv	70/170 Kv
Voltage Factor	1.2 Cont.& 1.9 for 30 sec	1.2 Cont.1.9 for 30 sec
Class of accuracy	1/3P	1/3P

Potential Transformer :

Type	11 Kv	33 Kv
Rated Voltage	11 Kv	3 Kv
Ratio	11KV/ $\sqrt{3}$ /100 $\sqrt{3}$ -110/ $\sqrt{3}$	33KV/ $\sqrt{3}$ /100 $\sqrt{3}$ -110/ $\sqrt{3}$
One minute power frequency voltage	28 Kv rms	70 Kv rms
Lightning impulse voltage	75 Kv peak	170 Kv peak
Rated frequency	50 Hz	50 Hz
Total Crrepage Distance	300 mm	900 mm
Burden	50VA	50 VA
Insulation Level	28/75 Kv	70/170 Kv
Voltage Factor	1.2 Cont. & 1.5 for 30 Sec	1.2 Cont.& 1.5 for 30 sec
Class of accuracy	3P/0.5	3P/3P/0.2

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