



LCT 66-420 Current Transformer

Main Features

- Single coil design located in a corrosion proof tank
- Vacuum impregnated oil-paper insulation for the coil
- Mineral and synthetic oil free of PCB
- Stable accuracy over the lifetime
- Hermetic sealing and oil expansion by S/S bellows or nitrogen cushioning
- One piece porcelain or composite insulator
- In accordance with the latest IS 2705 standard, as well as appropriate IEC recommendations
- Built for a long lasting life, with very little maintenance required

High Voltage Current Transformers (Live Tank)

Technical Data (As per IS 2705 / IEC 61869-2)

Type		LCT 66	LCT 110	LCT 132	LCT 220	LCT 420
Rated System Voltage	kV	66	110	132	220	400
Highest System Voltage	kV	72.5	123	145	245	420
Power frequency withstand voltage	kV	140	230	275	460	630
Lightning impulse withstand voltage	kVp	325	550	650	1050	1425
Frequency	Hz	50 / 60				
Rated primary current up to	A	4000				
Rated secondary current	A	1/5				
Number of secondary windings		≤ 5				
Rated short-time thermal current 1s	kA	≤ 120				
Rated dynamic current	kAp	≤ 300				
Accuracy classes		0.1-3;P;PR;PS;PX;TPS;TPX;TPY;TPZ				
Insulation class		A				

best
performance & value