

# INDUCTIVE VOLTAGE TRANSFORMERS

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Inductive Potential Transformers for systems from 13.8 kV to 34.5 kV, for powering primary equipment at low voltage (127 VAC) according to the CFE VE100-29 specification.  
NOJA Power trademark.

Short Description		TP-110-13.8C-8400/120	TP-150-23C-14400/120	TP-200-34.5C-20125/115	
Voltage	Nominal system voltage kV (RMS value)	13.8	23	34.5	
	Maximum Design Voltage of the Equipment in kV (RMS value)	15.5	27	38	
Nominal Voltage and dielectric test value	Installation altitude (m.a.s.l.)	Up to 2500	Up to 2500	Up to 2500	
	Nominal Withstand voltage at industrial frequency kV (RMS value)	Internal	38	50	70
		External	38	50	70
	Nominal lightning Impulse withstand voltage kV (peak value)	Internal	110	150	200
		External	110	150	200
	Unit ratio of each secondary	70	120	175.1	
	Transformer Ratio (V) (U prim: U sec) one secondary	8400:120	14400:120	20125:115	
Transformation ratio (v) (U prim: U sec) two secondaries	n/a	n/a	n/a		
Accuracy and nominal burden for measurement and protection	Accuracy class	0.2	0.2	0.2	
	Load intervals	0-50	0-50	0-100	
	Power factor	0.8	0.8	0.8	

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