

VCN-36



34.5 kV VOLTAGE TRANSFORMER

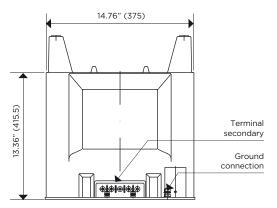
ARTECHE UC/UX/VC series are dry type indoor service voltage transformers. The core is encapsulated with Type B epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

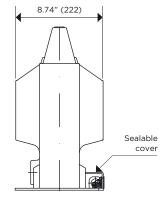
The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical stresses in adverse operating conditions.

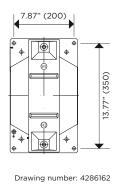
Partial Discharge measurements exceed the IEEE, CAN/CSA and IEC requirements.

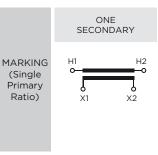
Mechanical characteristics				
Insulation Material	Colors			
Resin	Gray*			

Weight (lbs.)	
99	









Approximate dimensions in inches (mm).

^{*} Brown color available upon request



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Electrical characteristics												
Code	Code	Ratio	Primary Secondary (V) (V)	Secondary	IEEE Metering	Continuous Rated Voltage	Rated Voltage Factor	Thermal Burden	Nominal Voltage	BIL	Power-Frequency Withstand Voltage (1 min)	
	Code			Accuracy	Factor (Un)	30 s (Un)	(VA)	System (kV)	(kV)	Primary & Secondary (kV _{rms})	Secondary Winding (kV _{rms})	
	754421300	300:1	34500/34500Y	120	0.3 W,X,M,Y	1.1	1.5	751	34.5	200	70	2.5

Additional ratings available upon request.

Notes:	