

UEI-24

25 kV VOLTAGE TRANSFORMER



INDOOR
60 Hertz

ARTECHE UE 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 entire surface of the transformer is coated with a conductive layer that is intended to be solidly grounded when energized. This allows for compact mounting inside switchgear or enclosures.

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.

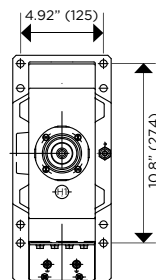
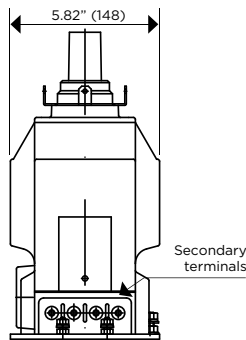
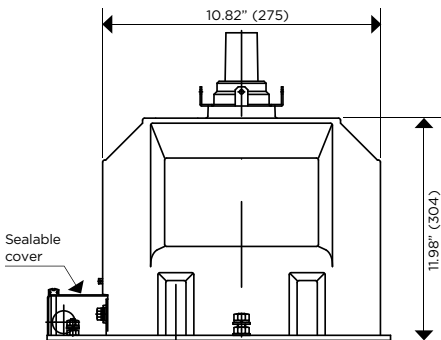
Partial Discharge measurements exceed the IEEE, CAN/CSA and IEC requirements.



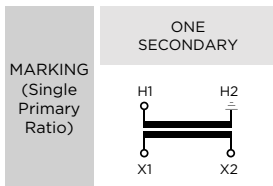
UL Recognized Component File No: E252140

Mechanical characteristics

Insulation Material	Colors	Weight (lbs.)
Resin	Gray	62



Drawing number: 4286164



Approximate dimensions in inches (mm).

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Electrical characteristics											
Code	Ratio	Primary (V)	Secondary (V)	IEEE Metering Accuracy	Continuous Rated Voltage Factor (Un)	Rated Voltage Factor 30 s (Un)	Thermal Burden (VA)	Nominal Voltage System (kV)	BIL (kV)	Power-Frequency Withstand Voltage (1 min)	
										Primary & Secondary (kV _{rms})	Secondary Winding (kV _{rms})
753681100	100:1	12000/20780GY	120	0.6 W,X,M	1.1	1.25	350	25	125	50	2.5
753681120	120:1	14400/24940GY	120	0.6 W,X,M	1.1	1.25	350	25	125	50	2.5

Additional ratings available upon request.

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