

VCL-24





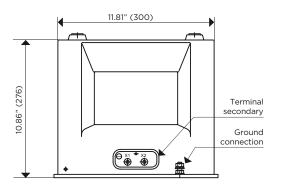
ARTECHE UC/UX/VC series are dry type indoor service voltage transformers. The core is encapsulated with Type B epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

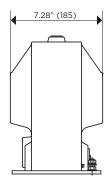
The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical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

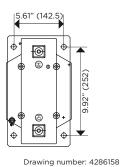
Partial Discharge measurements exceed the IEEE, CAN/CSA and IEC requirements.

Mechanical characteristics		
Colors		
Gray*		

Weight (lbs.)	
62	







	ONE SECONDARY			
MARKING (Single Primary Ratio)	H1 X1	H2 0 X2		

Approximate dimensions in inches (mm).

^{*} Brown color available upon request



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25 kV VOLTAGE TRANSFORMER

Electrical characteristics														
Code Rat	Ratio	Primary	Secondary N	IEEE Metering	Continuous Rated Voltage	Rated Voltage Factor	Thermal Burden	Nominal Voltage	BIL	Power-Frequency Withstand Voltage (1 min)				
	Ratio	Ratio	(V)	(V) (V)	(V)	(V)	Accuracy	_	Factor (Un)	30 s (Un)	(VA)	System (kV)	(kV)	Primary & Secondary (kV _{rms})
753801100	100:1	12000/20750Y	120	0.3 W,X,M,Y	1.1	1.25	600	25	125	50	2.5			
753801120	120:1	14400/24940Y	120	0.3 W,X,M,Y	1.1	1.25	600	25	125	50	2.5			
753801200	200:1	24000/24000Y	120	0.3 W,X,M,Y	1.1	1.25	600	25	125	50	2.5			

Additional ratings available upon request.

Notes:	