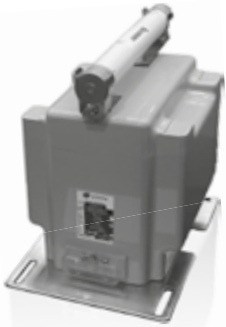


UCE-17

15 kV VOLTAGE TRANSFORMER



INDOOR
60 Hertz

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.

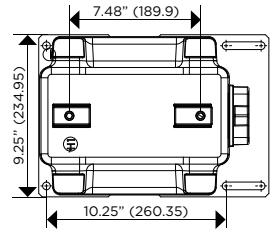
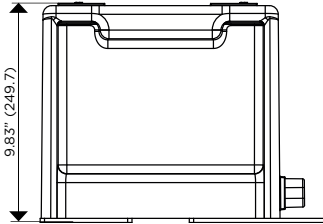
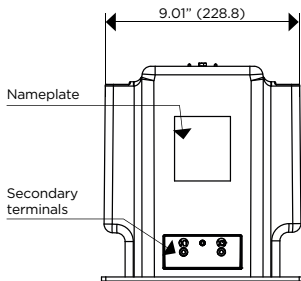


UL Recognized Component File No.:E252140

Mechanical characteristics

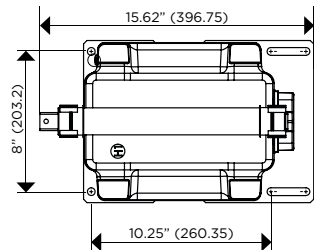
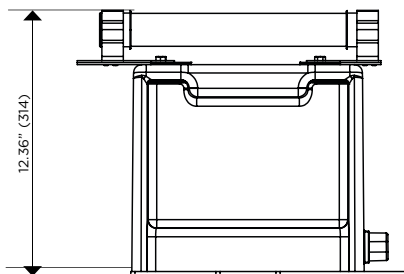
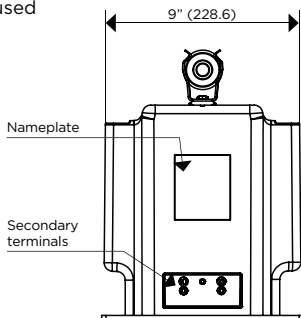
Insulation Material	Colors	Weight (lbs.)
Resin	Gray*	85

Unfused



Drawing number: 4287875

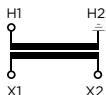
Fused



Drawing number: 4286373

MARKING
(Single
Primary
Ratio)

ONE
SECONDARY



Approximate dimensions in inches (mm).
* Brown color available upon request.

UCE-17

15 kV VOLTAGE TRANSFORMER

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})
Switchgear style (no fuse)											
753460060	60:1	7200/12470GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753460070	70:1	8400/14460GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753460100	100:1	12000/12000GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753460110	110:1	13200/13200GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753460120	120:1	14400/14400GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
Fuse clips only (no fuse)											
753461060	60:1	7200/12470GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753461070	70:1	8400/14460GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753461100	100:1	12000/12000GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753461110	110:1	13200/13200GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753461120	120:1	14400/14400GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
Fuse clips and fuse											
753462060	60:1	7200/12470GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753462070	70:1	8400/14460GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753462100	100:1	12000/12000GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753462110	110:1	13200/13200GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5
753462120	120:1	14400/14400GY	120	0.3 W,X,M,Y,Z/1.2ZZ	1.1	1.25	1500	15	110	34	2.5

All Units can be supplied either switchgear style, fuse clips only or fuses and clips. Please contact your commercial representant for further information. Additional ratings available upon request.

Notes:

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