

CID-17

15 kV CURRENT TRANSFORMER



INDOOR
60 Hertz

ARTECHE AC/CID Series are dry type indoor service current 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.

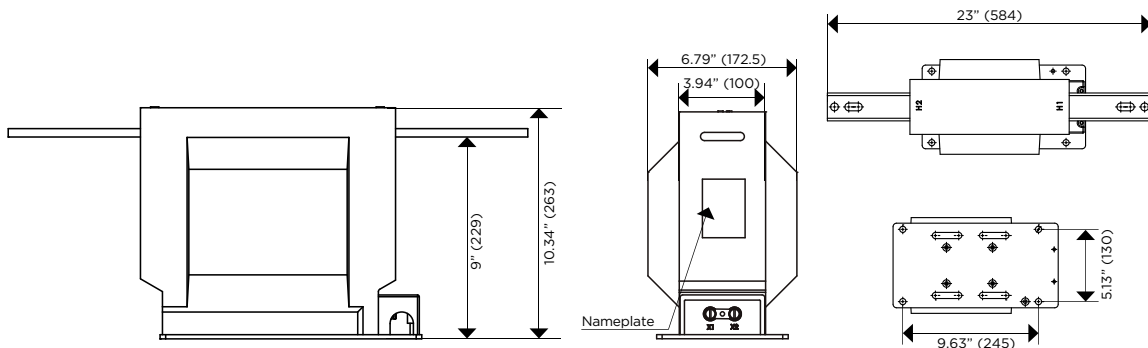
Partial Discharge measurements exceed the IEEE, CAN/CSA and IEC requirements.



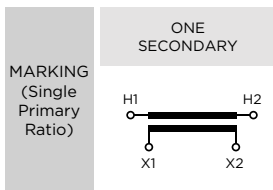
UL Recognized Component File No.:E252140

Mechanical characteristics

Insulation Material	Colors	Weight (lbs.)
Resin	Gray*	55



Drawing number: 4287278



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

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Electrical characteristics										
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Short- time Thermal Current (kA/1s)	Short- time Mechanical Current (kA _{peak})	IEEE Metering Accuracy	Relay Accuracy	Nominal Voltage System (kV)	BIL (kV)	Power-Frequency Withstand Voltage (1 min)	
									Primary & Secondary (kV _{rms})	Secondary Winding (kV _{rms})
750961001	5:5	1.5	0.5	1	0.3 B-1.8	C-200	15	110	34	2.5
750961002	10:5	1.5	1	2	0.3 B-1.8	C-200	15	110	34	2.5
750961003	15:5	1.5	1.5	3	0.3 B-1.8	C-200	15	110	34	2.5
750961004	20:5	1.5	2	4	0.3 B-1.8	C-200	15	110	34	2.5
750961005	25:5	1.5	2.5	5	0.3 B-1.8	C-200	15	110	34	2.5
750961006	30:5	1.5	3	6	0.3 B-1.8	C-200	15	110	34	2.5
750961008	40:5	1.5	4	8	0.3 B-1.8	C-200	15	110	34	2.5
750961010	50:5	1.5	5	10	0.3 B-1.8	C-200	15	110	34	2.5
750961015	75:5	1.5	7.5	15	0.3 B-1.8	C-200	15	110	34	2.5
750961020	100:5	1.5	10	20	0.3 B-1.8	C-200	15	110	34	2.5
750961030	150:5	1.5	15	30	0.3 B-1.8	C-200	15	110	34	2.5
750961040	200:5	1.5	20	40	0.3 B-1.8	C-200	15	110	34	2.5
750961060	300:5	1.5	30	60	0.3 B-1.8	C-200	15	110	34	2.5
750961080	400:5	1.5	40	80	0.3 B-1.8	C-200	15	110	34	2.5
750961120	600:5	1.5	50	95	0.3 B-1.8	C-200	15	110	34	2.5
750961160	800:5	1.5	60	120	0.3 B-1.8	C-200	15	110	34	2.5
750961200	1000:5	1.5	75	135	0.3 B-1.8	C-200	15	110	34	2.5
750961240	1200:5	1.2	84	150	0.3 B-1.8	C-200	15	110	34	2.5
750969001	5:5	1.5	0.5	1	0.15 B0.5	-	15	110	34	2.5
750969002	10:5	1.5	1	2	0.15 B0.5	-	15	110	34	2.5
750969003	15:5	1.5	1.5	3	0.15 B0.5	-	15	110	34	2.5
750969004	20:5	1.5	2	4	0.15 B0.5	-	15	110	34	2.5
750969005	25:5	1.5	2.5	5	0.15 B0.5	-	15	110	34	2.5
750969006	30:5	1.5	3	6	0.15 B0.5	-	15	110	34	2.5
750969008	40:5	1.5	4	8	0.15 B0.5	-	15	110	34	2.5
750969010	50:5	1.5	5	10	0.15 B0.5	-	15	110	34	2.5
750969015	75:5	1.5	7.5	15	0.15 B0.5	-	15	110	34	2.5
750969020	100:5	1.5	10	20	0.15 B0.5	-	15	110	34	2.5
750969030	150:5	1.5	15	30	0.15 B0.5	-	15	110	34	2.5
750969040	200:5	1.5	20	40	0.15 B0.5	-	15	110	34	2.5
750969060	300:5	1.5	30	60	0.15 B0.5	-	15	110	34	2.5
750969080	400:5	1.5	40	80	0.15 B0.5	-	15	110	34	2.5
750969120	600:5	1.5	50	95	0.15 B0.5	-	15	110	34	2.5
750969160	800:5	1.5	60	120	0.15 B0.5	-	15	110	34	2.5
750969200	1000:5	1.5	75	135	0.15 B0.5	-	15	110	34	2.5
750969240	1200:5	1.2	84	150	0.15 B0.5	-	15	110	34	2.5

Additional ratings available upon request.

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									Primary & Secondary (kV _{rms})	Secondary Winding (kV _{rms})
High Accuracy Extended Range 5% nominal current to Rating Factor										
750967001	5:5	1.5	0.5	1	0.15S B0.5	-	15	110	34	2.5
750967002	10:5	1.5	1	2	0.15S B0.5	-	15	110	34	2.5
750967003	15:5	1.5	1.5	3	0.15S B0.5	-	15	110	34	2.5
750967004	20:5	1.5	2	4	0.15S B0.5	-	15	110	34	2.5
750967005	25:5	1.5	2.5	5	0.15S B0.5	-	15	110	34	2.5
750967006	30:5	1.5	3	6	0.15S B0.5	-	15	110	34	2.5
750967008	40:5	1.5	4	8	0.15S B0.5	-	15	110	34	2.5
750967010	50:5	1.5	5	10	0.15S B0.5	-	15	110	34	2.5
750967015	75:5	1.5	7.5	15	0.15S B0.5	-	15	110	34	2.5
750967020	100:5	1.5	10	20	0.15S B0.5	-	15	110	34	2.5
750967030	150:5	1.5	15	30	0.15S B0.5	-	15	110	34	2.5
750967040	200:5	1.5	20	40	0.15S B0.5	-	15	110	34	2.5
750967060	300:5	1.5	30	60	0.15S B0.5	-	15	110	34	2.5
750967080	400:5	1.5	40	80	0.15S B0.5	-	15	110	34	2.5
750967120	600:5	1.5	50	95	0.15S B0.5	-	15	110	34	2.5
750967160	800:5	1.5	60	120	0.15S B0.5	-	15	110	34	2.5
750967200	1000:5	1.5	75	135	0.15S B0.5	-	15	110	34	2.5
750967240	1200:5	1.2	84	150	0.15S B0.5	-	15	110	34	2.5
High Accuracy Extended Range 1% nominal current to Rating Factor										
750968040	200:5	2.0	20	40	0.15 B-1.8	-	15	110	34	2.5
750968120	600:5	2.0	50	95	0.15 B-1.8	-	15	110	34	2.5
750968200	1000:5	1.5	75	135	0.15 B-1.8	-	15	110	34	2.5
750968240	1200:5	1.2	84	150	0.15 B-1.8	-	15	110	34	2.5

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