

BUSHING CURRENT TRANSFORMER

600 V CURRENT TRANSFORMER



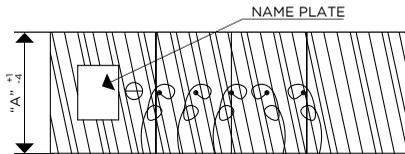
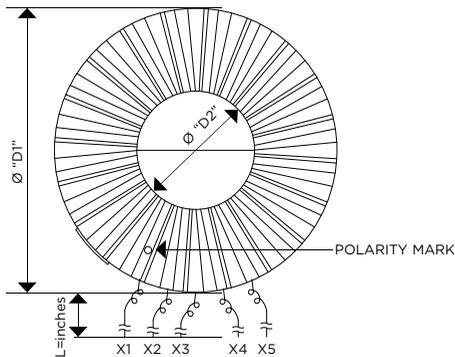
INDOOR
60 Hertz
 Single, Dual and Multi Ratios, Window
 Type, Metering/Relaying

Mechanical characteristics

The core and coil assembly is wound and tape wrapped and is available in window sizes from 2.5 to 45 inches.

The secondary leads are typically #10 AWG or #12 AWG. The bushing insulation provides the dielectric protection for the CT. Optional TEFZEL insulation for the CT is also available.

The core of the CT is constructed from high permeability grain oriented silicon steel laminations which provide low core losses. The windings are constructed with copper wire and copper plate double insulated. All secondary windings are fully distributed around the core, which provides low leakage reactance on each ratio, achieving greater accuracy and higher capacity to withstand mechanical stresses under adverse operating conditions.

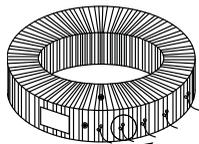


ϕ "D1" ϕ "D2" "A" "L"=inches WEIGHT lbs.

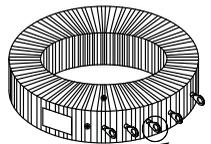
Specs and dimensions available upon request.

Drawing number: 4285816

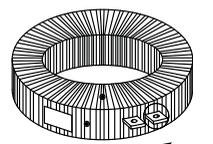
TYPE OF
 CONNECTIONS
 (Secondary
 terminal)



COPPER WIRE 10-12 AWG



FLAT CONNECTION 1/4"



COPPER TERMINAL

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Accuracy performance

The ARTECHE Bushing CT provides 0.3 metering class accuracy with burdens from B0.1 to B1.8 and class C-800 for relaying applications. The transformer is accurate through its Rating Factor for continuous operation.

Testing

The Arteche Bushing CT is individually tested and certified to IEEE C57.13 or CAN/CSA C60044.

Mounting

The ARTECHE Bushing CT is designed to be internally mounted around the bushings of power transformers, circuit breakers and switchgear.

Features and quality

- › Customized solutions can be developed to satisfy specific customer needs.
- › Consistent accuracy during the transformer's entire life cycle, providing maximum reliability.
- › ISO 9001:2008 quality system certificate.

How to order

When ordering an ARTECHE Bushing CT, include the following information:

1. Minimum inside diameter (D2) _____ in
2. Maximum outside diameter (D1) _____ in
3. Maximum allowable height (A) _____ in
4. Current ratio and taps, if any _____ (:5A or :1A | Single Ratio, Double Ratio or Multi Ratio)
5. Accuracy and burden requirements, for example.
 - Metering - _____ (0.3 B0.1 thru B1.8 or other)
 - Relaying - _____ (C-100, C-200, C-400, or C-800 or other)
6. Continuous Rating Factor _____ (standard is RF=2.0)
7. Frequency _____ (standard is 60 Hz)
8. Lead length & type _____ size - _____ (standard is #10 AWG)
9. Used in or above oil _____ (Yes/No). or in dry surroundings - _____ (Yes/No)

NOTE - Due to the many variations of mounting, Arteche does not supply mounting hardware. Please, don't hesitate to contact us to discuss other options.

Notes:

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