

DBCT

DRY-TYPE BUSHING CURRENT TRANSFORMER

APPLICATION:

The internally mounted Dry-type BCT is designed to be mounted onto the high voltage bushing of a dead-tank power circuit breaker along the ground collar, protected by an external cover. It can also be installed inside a weather-tight cabinet or inside an MC switchgear compartment. When properly installed, the Dry-type BCT can be used on higher system voltage levels while maintaining its own mere 600 Volt class rating. Its simple construction provides a low leakage product with extremely high short circuit capabilities.

OFFERINGS:

- Inner diameter: 3.5" [89mm] to 36" [915mm]
- Outer diameter: 5" [127mm] to 40" [1016mm]
- Primary currents: 25 - 8,000 Amps
- Secondary current: 1 and 5 Amps typ, others available
- Frequency: 50 and 60 Hz
- Rating Factors: Up to 5.0 @ 55°C Ambient
- Relaying class: Up to C800 / 5P20-200VA standard, up to C1200 and higher as non-standard
- Metering class: 0.15S thru 2.4 / 0.2S thru 5.0
- Burdens: B0.1 thru B1.8 / 2.5 - 45 VA
- Available in a variety of winding arrangement, Single Ratio (SR), Dual Ratio (DR) or Multi Ratio (MR)
- NOTE: Sizes and accuracy class depend on current ratio

OPTIONS:

- Designs can be made to match existing CT characteristics.
- Primary currents greater than 8,000 Amps.
- Secondary terminals or leads.
- Gapped cores for remanence control and transient response.
- Air core linear couplers.



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