

**SBCT**

# SLIP-OVER BUSHING CURRENT TRANSFORMER

## APPLICATION:

The outdoor mounted slip-over BCT is self contained and designed to be mounted externally over the high voltage terminal bushing of power transformers, power circuit breakers and cable terminators (potheads). In most cases the slip-over BCT, with its ease of installation, is a reliable and economical solution when upgrading system protection and adding additional metering points. When properly installed, the slip-over 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 virtually unlimited short circuit capabilities, far surpassing its stand alone wound-type counterpart.

## OFFERINGS:

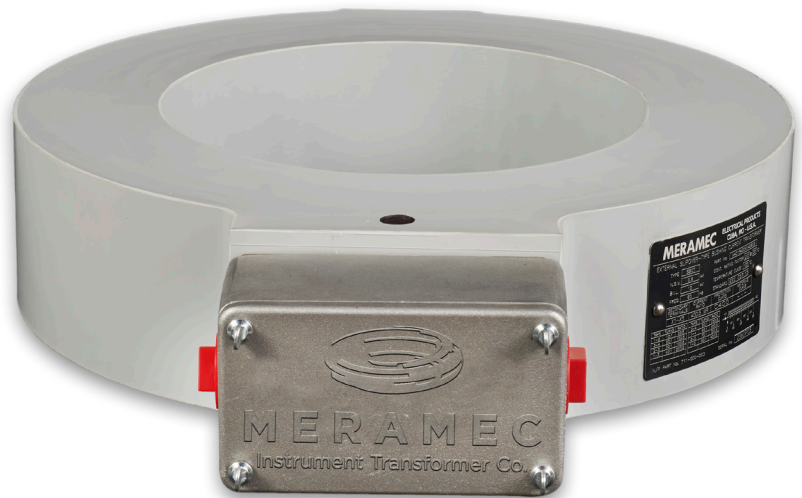
- Inner diameter: 4" [102mm] to 36" [915mm]
- Outer diameter: 10" [254mm] to 46" [1168mm]
- Primary currents: 25 - 8,000 Amps
- Secondary current: 1 and 5 Amps typ, others available.
- Frequency: 50 and 60 Hz
- Rating Factors: Up to 5.0 @ 30°C Ambient.
- Relaying class: Up to C800 / 5P20-200VA standard, 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:

- Dual-core configurations may be possible, same ratings or mixed, with 3kV isolation between coils.
- Other conduit openings are available - threaded up to 1.5" NPT or non-threaded holes up to 52mm.
- Designs can be engineered to match existing CT characteristics.
- Gapped cores for remanence control and transient response.
- Air core linear couplers.



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