

# BUSHING CURRENT TRANSFORMERS

*for Draw-Out Circuit Breakers*

**HCB-2415 (A) EBF-25M Series**



## Introduction

With a rated accuracy and burden of 0.3 B-0.9 (IEEE), these multi-ratio bushing current transformers (bushing CTs, or BCTs) are designed for draw-out circuit breakers and to be used with measuring (or monitoring) instruments or protective relays. Able to meet the requirements of 24 kV draw-out circuit breakers made by various manufacturers, these current transformers are cast in Araldite® epoxy resin and offer excellent moisture resistance, superior electrical performance, and high mechanical properties.

## Specifications

- Standards: IEEE, IEC
- Indoor application
- Epoxy cast
- System Voltage:  $\leq 25.5$  kV
- Frequency: 50 or 60 Hz
- AC/BIL: 60 / 125 kV
- Multi-ratio bushing CTs (BCTs)
- $I_{th} = \text{Max } 25 \text{ kA} / 1\text{S}$
- Compatibility with circuit breakers made by various manufacturers\*
- Other Standards and Specifications available upon request

\* Compatibility with circuit breakers made by manufacturers of various countries, including in Japan, France, and Sweden, etc.

## Selection Table

Model	Current Ratio (Multi-Ratio)*	Accuracy & Burden	Approx. Weight	Design
HCB-2415	600-500-400-300-250-200-100-50 / 5A	C100 or 0.3 B-0.9 (600 / 5A)	30 kg	 Fig. 1
HCB-2415A	2000-1500-1200-800-500 / 5A	C100 or 0.3 B-0.9 (2000 / 5A)	24 kg	
EBF-25M6	600-500-400-300-250-200-100 / 5A	C100 or 0.3 B-0.9 (600 / 5A)	31 kg	 Fig. 2
EBF-25M20	2000-1500-1200-800-500 / 5A	C100 or 0.3 B-0.9 (2000 / 5A)	31 kg	
EBF-25MA6	600-500-400-300-250-200-100 / 5A	C100 or 0.3 B-0.9 (600 / 5A)	23 kg	 Fig. 3
EBF-25MA20	2000-1500-1200-800-500 / 5A	C100 or 0.3 B-0.9 (2000 / 5A)	20 kg	

\* Current ratios according to IEEE C57.13



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