

MULTI-RATIO BUSHING CURRENT TRANSFORMERS

for 23 kV C-GIS



EO1M6 EO1M20 EO1M150



Introduction

Widely used by public utilities and private sectors, these epoxy-cast multi-ratio bushing current transformers (BCTs, or bushing CTs) are typically installed in 23 kV C-GIS (cubicle-type gas-insulated switchgear) for use with measuring or monitoring instruments, or protective relays. Insulated with Araldite® epoxy resin, these products are characterized by superior moisture resistance, excellent electrical performance, and high mechanical properties.

Specifications

- Standards: IEC or IEEE
- Indoor application
- Cast in Araldite® epoxy resin
- Multi-Ratio Bushing CTs (BCTs) / Window-type current transformers
- Designed for 23 kV C-GIS
- Insulation Level: 0.72 kV
- Frequency: 50 or 60 Hz
- AC/BIL: 4/10 kV

Selection Table

Model	Current Ratios (Multi-Ratio)*	Accuracy / Burden	Approx. Weight (kg)	Window Diameter (mm)	Design
EO1M150	600-500-450-400-300-250-200-150-100-50 / 5A	C100 or 0.3 B-0.9 (600/5A)	16	150	Fig. 1 
EO1M6	600-500-450-400-300-250-200-150-100-50 / 5A	C100 or 0.3 B-0.9 (600/5A)	16	130	Fig. 2 
EO1M20	2000-1600-1500-1200-1100-800-500-400-300 / 5A	C100 or 0.3 B-0.9 (2000/5A)	10.5	245	

* Current ratios according to IEEE C57.13.
Note: Other standards and specifications available.

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