

# 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                  | Fig. 3  |

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

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