

DRY-TYPE BUSHING CURRENT TRANSFORMERS

for GIS or Power Transformers



TB-1M Series

Introduction

Dry-Type Bushing Current Transformers TB-1M Series, suited to power transmission and distribution systems, are intended to work with measuring or monitoring instruments, or with protective relays. These current transformers can also be used in gas-insulated switchgear (GIS) – the CT is placed in either SF₆ gas or in air. Alternatively, these current transformers can be used in conjunction with power transformer bushings; in this case, the CT is immersed in insulation oil. CT sizes can be specially requested, and the customer can choose between insulation tape or epoxy resin for the insulation material. The secondary side can be equipped with either lead wires or secondary terminals.

Specifications

- Standard: IEC or IEEE
- Frequency: 50 or 60 Hz
- AC/BIL: 4/10 kV
- Multi-ratio
- Type-tested

Selection Table

Model	Current Ratio (Multi-Ratio [*])	Accuracy & Burden	Approx. Weight (kg)
TB-1MB06A	600-500-450-400-300-250-200-150-100-50 / 5A	C100 or 0.3 B-0.9 (600/5A)	13
TB-1MB20A	2000-1600-1500-1200-800-500-400-300 / 5A	C100 or 0.3 B-0.9 (2000/5A)	7
TB-1MA20A	2000-1600-1500-1200-800-500-400-300 / 5A	0.3 B-0.9 (2000/5A)	18
TB-1MA30A	3000-2500-2200-2000-1500-1200-1000-800-500-300 / 5A	C800 (3000/5A)	52
TB-1MA40A	4000-3500-3000-2500-2000-1500-1000-500 / 5A	C800 (4000/5A)	43
TB-1MA40B	4000-3500-3000-2500-2000-1500-1000-500 / 5A	0.3 B-0.9 (4000/5A)	11

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

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