

# LOW-VOLTAGE EPOXY-CAST CURRENT TRANSFORMERS *for Indoor Use (Window-Type)*



## CR-1S Series

### Introduction

Designed to meet the requirement of a higher current ratio and a higher accuracy, current transformers CR-1S Series have a greater window diameter, which facilitates installation and wiring in a high-current application (with the busbar or multiple insulated wires as the primary conductor). This convenient installation and wiring method decreases the occurrence rate of contact point failure. Multi-ratio models are available upon request (e.g. 4000-2000/5A or 4000-2000-1000/5A). In the multi-ratio models, the burden changes according to its corresponding current ratio, as is stipulated by IEEE and IEC regulations. Insulated with Araldite® epoxy resin, CR-1S Series current transformers are characterized by a pleasing exterior, excellent moisture resistance, and a high level of insulation.

### Specifications

- Standard: IEEE C57.13 and IEC
- Indoor Use
- Frequency: 50 or 60 Hz
- AC/BIL: 4 / - kV
- $I_{th} = 40 I_n / 1S$
- Burden & Accuracy (IEEE): 0.3 B-0.9
- Burden & Accuracy (IEC): 30(15)VA / 1.0(0.2S) CL.
- Multi-ratio models and other specifications available.

### Selection Table

Model	Current Ratio (A)	Window Diameter (mm)	Approx. Weight (kg)
CR-1S-135	800~4000 / 5 Single-Ratio or Multi-Ratio	135	7
CR-1S-160	1600~4000 / 5 Single-Ratio or Multi-Ratio	160	5

Note: Other standards and specifications available.

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