

Current Transformers

CR-3(6)S-T Series

Insulated with Araldite® epoxy resin and intended for the main panel or the motor control panel of a 3.6 or 7.2 kV power system, each of these current transformers for indoor application has a busbar terminal and is designed to be used in conjunction with measuring or monitoring instruments, or with protective relays.

The two-core model *CR-6S-80T* is available with a primary current rating of 500~3000A. When offered with a rated primary current of 800A or above, this model has an added tap in the secondary winding and can be used as a dual-ratio CT.

These current transformers are moisture resistant and mechanically robust, while providing excellent electrical performance.

Features

- Standards: IEC or IEEE*
- Indoor usage; epoxy-cast type
- Insulated with Araldite® epoxy resin
- Single-Core or 2-Core
- Single/Dual-Ratio
- Frequency: 50/60 Hz
- Burden Rating: ≤ 3.6 kV (Model: CR-3S-60T/90T)
or ≤ 7.2 kV (Model: CR-6S-80T)



Fig. 1



Fig. 2

Selection Table

Model	Primary Current	Secondary Current		Burden / Accuracy	I _{th} (Max.)	AC/BIL	Approx. Weight (kg)	Core(s)	Design
		Core 1	Core 2						
CR-3S-60T	300~1000A	5A/1A	-	30(15)VA/1.0(0.5)	25kA/1S	10/40kV	8	1	Fig. 1
CR-3S-90T	1200~3000A			30(15)VA/0.5(0.2)			13		
CR-6S-80T**	500~1000A	5A/1A	5A/1A	15VA/5P20 + 30(15)VA/1.0(0.5)	25kA/1S	20/60kV	19	2	Fig. 2
	1200~3000			30VA/5P20 + 30(15)VA/0.5(0.2)			22		

* Other standards and specifications are available.

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