

# 3.6 kV / 7.2 kV CURRENT TRANSFORMERS

With Two-Core & Dual-Ratio Options

**CR-3(6)S-T Series**



## Introduction

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 usage 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.

## Specifications

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

## Selection Table

Model	Primary Current	Secondary Current		Burden / Accuracy	I <sub>th</sub> (Max.)	AC/BIL (kV)	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 / 40	8	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 / 60	19	2	
	1200~3000A			30VA / 5P20 + 30(15)VA / 0.5(0.2)			22		

\* 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.  
Note: Other standards and specifications available.



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