



CRT 6/6, CRT 6/10 TRANSFORMER FOR CONTROL PANEL MOUNTING

PRODUCT DATA

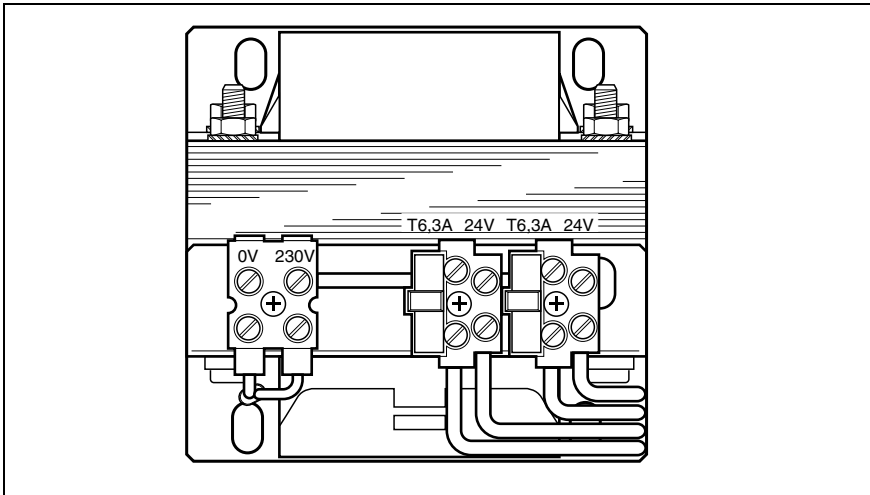


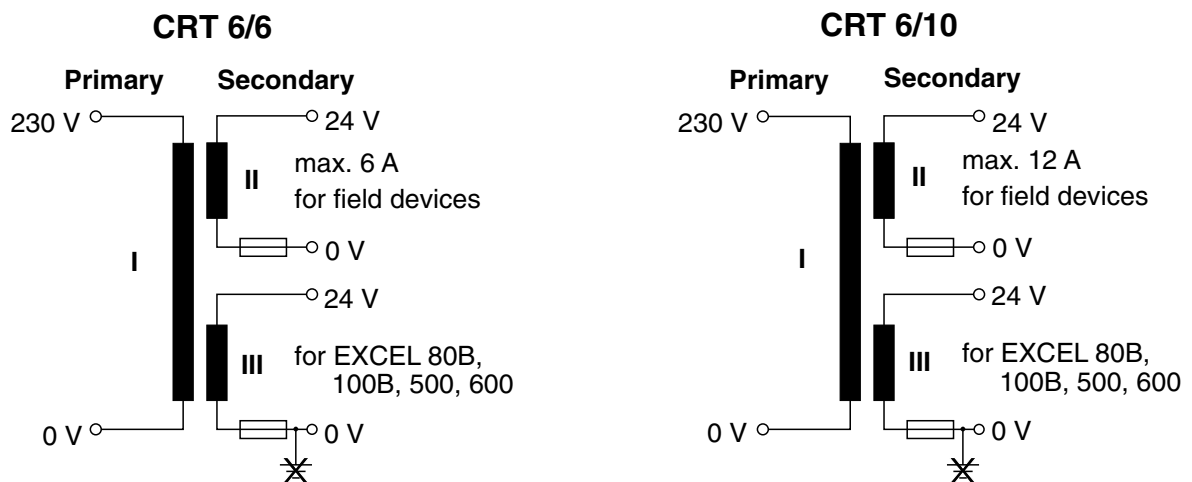
Fig. 1

Application

The CRT 6/6 and CRT 6/10 transformers are designed for field devices (winding II) as well as for the EXCEL 80 B, 100 B, 500 and 600 (winding III) controllers.

Characteristics

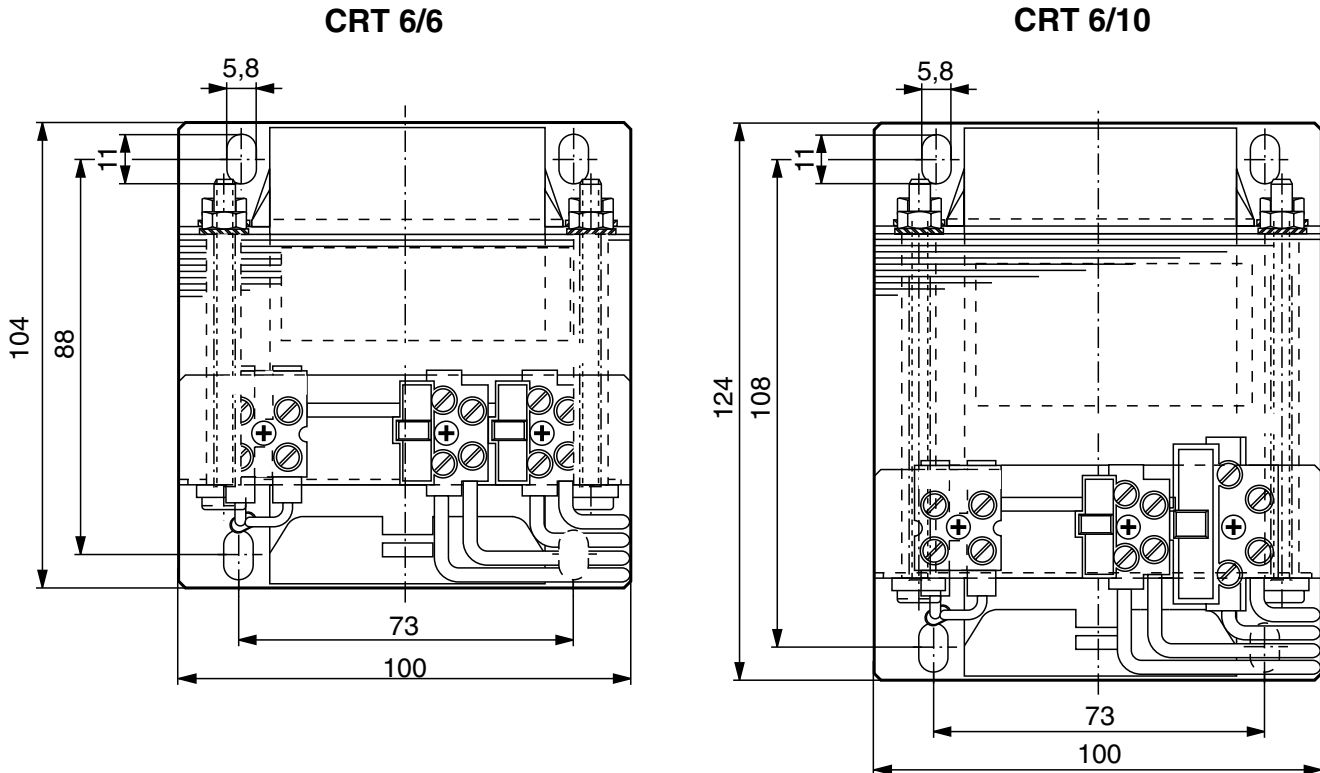
- Control Panel Mounting
- Fuses for secondary windings
- Reduced installation cost by using a common transformer for controllers and field devices.



DO NOT ground the secondary side of the transformer

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Fig. 2 Electrical connections



Technical data

	CRT 6/6	CRT 6/10
Construction	EI 120 core, vacuum-impregnated, two mounting brackets for installation in equipment enclosure, tested in compliance with VDE 0551	
Primary voltage	U = 230 VAC / 50 to 60 Hz	
Secondary voltage	SEC II = SEC III = 24.5 V ≤ V open circuit ≤ 25.5 V	
Secondary internal resistance	SEC II : R _i < 0.24 Ohms SEC III : R _i < 0.4 Ohms Measurement of internal resistance R _i with ΔI = 5 A, cold, at ϑ _u = 25 °C $R_i = \frac{\Delta U}{\Delta I}$	SEC II : R _i < 0.24 Ohms SEC III : R _i < 0.4 Ohms Measurement of internal resistance R _i with ΔI = 6 A, cold, at ϑ _u = 25 °C $R_i = \frac{\Delta U}{\Delta I}$
Test voltage	Primary – Secondary: 4 kV Winding/core: 2 kV Secondary/Secondary: 1 kV	
Power output	300 VA	400 VA
Fuse rating	II T6.3A; III T6.3A	II T10A; III T6.3A

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Manufacturing location is certified according to **DIN ISO 9001**

