CONTROL CIRCUIT TRANSFORMERS

SERIES CCT PRODUCT PROFILE



Discover c3controls' exceptional line of **Control Circuit Transformers,** meticulously engineered to meet the needs of residential and commercial HVAC/Building Management Systems (BMS), as well as a wide array of industrial applications. Our innovative design approach not only ensures top-tier performance but also introduces these products at unprecedented, budget-friendly prices. Dive into the rich tapestry of features that this product line unfolds, and experience excellence like never before.

DELIVERING SUPERIOR PRODUCT QUALITY AND MANUFACTURING EXCELLENCE

✓ Proven	Our Series CCT Control Circuit Transformers are UL Listed and CE marked to meet global standards requirements and are compliant to the RoHS directives.
✓ Easy to Install	Panel-mountable with four screws, one in each corner, for fast and simple installation as well as reliability in vibrating environments.
✓ Visible Certifications	Our product certifications and electrical ratings are clearly marked on the outside of the device for easy reference during installation.
✓ Enviromentally Secure	Designed and tested for ensuring operation in extreme temperatures, to keep your application running.
✓ Added Safety	The transformer windings are enclosed, providing much needed safety for a critical application.
✓ 36-Month Warranty*	Every product is backed by our 36-Month Warranty—giving you confidence in the quality, reliability, and performance of components designed for the most demanding applications.
✓ Guaranteed Same-Day Shipping*	Product availability reduces inventory and improves cash-flow—saving you money. With c3controls any order for standard catalog items received by 6:00pm ET is guaranteed to ship same day.
✓ Advantage Pricing	Our approach to product development, manufacturing, and focus on servicing the OEM and Electrical Equipment Builder reduces cost. The result—the best value in the industry.

**See c3controls Terms & Conditions*

UNIQUE FEATURES

Overcurrent Protection

- All our class 2 devices come with an overcurrent protection option, either inherent or non-inherent, eliminating the need for additional protection in a panel.

Class 2 Design

- Transformers up to 100VA are Class 2 certified making them the safest device in your control application.

Connect To Anything

- Primary and secondary wires are 10-inches long, making them easy to connect to a nearby load.

Color-Coded Wires

- Secondary as well as different taps on primary are uniquely color-coded to facilitate error-proof installation.

Versatile

- Options are available to offer multiple voltages: 120V to 480V on primary side in a single device, making it usable in a variety of applications and saving on your inventory.



c3controls®

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series CCT CONTROL CIRCUIT TRANSFORMERS

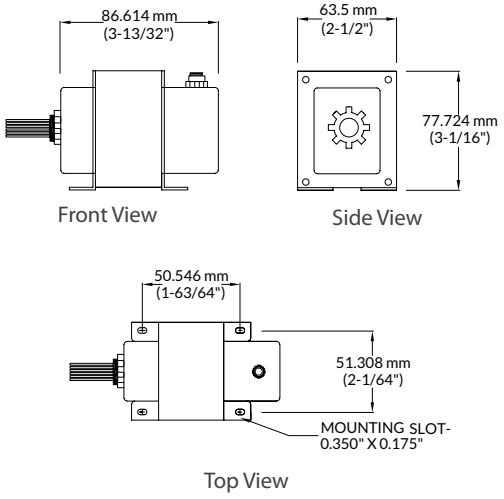
SPECIFICATIONS

CONTROL CIRCUIT TRANSFORMER		
	UNITS	
ELECTRICAL/ GENERAL		
Rating	VA	20, 40, 50, 75, 100, 150, 240, 300
RATED VOLTAGE		
Primary	V	480/277/240/208/120
Secondary	V	24
OVERCURRENT PROTECTION		Inherently Protected, Fuse, Circuit Breaker, None (For Models Above 100VA)
MTBF	Hours	100,000
POWER FREQUENCY WITHSTAND VOLTAGE		
Primary		2.5kV RMS for 1 minute
Secondary	V	2.5kV RMS for 1 minute
ENVIRONMENTAL		
OPERATING TEMPERATURE	° C / °F	-34 to +60 / -30 to +140
WIRING		
Wire Size	AWG	16
Wire Length	Inch	10 (with 0.5-inches stripped)
COMPLIANCE		
Up to 100VA		UL 5085-3 (Class 2)
150VA and above		UL 5085-2
ROHS COMPLIANCE		For documentation by product, refer to www.c3controls.com.

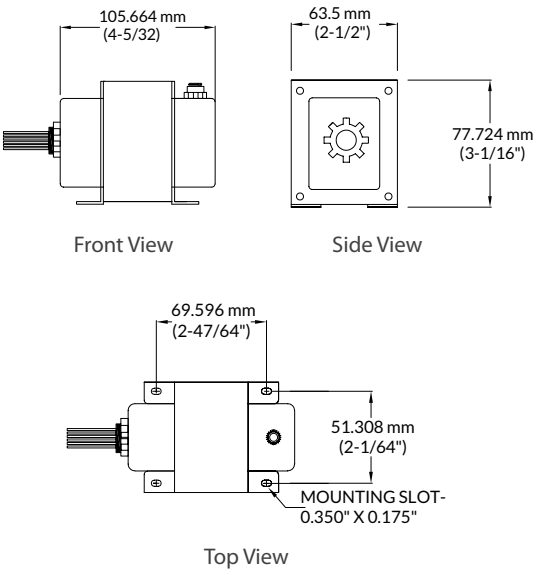
**NOTE: Available on request, please consult factory.*

DIMENSIONS

CCT1-50-RMCS-C



CCT1-100-RMCS-C



CERTIFICATIONS

Conformity to Standards:

UL 5085-3, UL 5085-2
CCSA C22.2 No.66.3, CSA C22.2 No.66.2
IEC 61558

Certifications:

UL File#: E533585, E541700

CE Marked (As per EU Low Voltage Directive 2014/35/EU, and RoHS Directive 2015/863/EU)



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