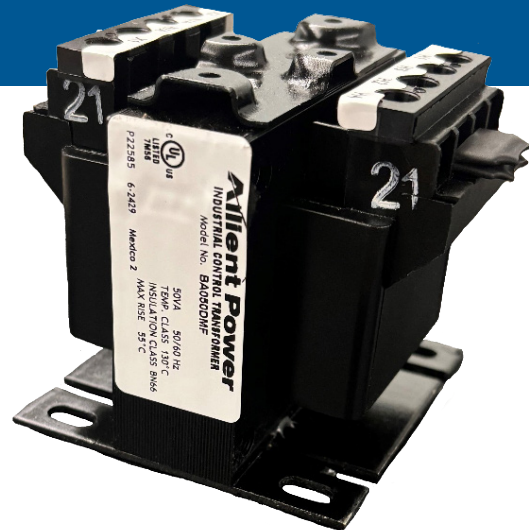


## Industrial Control Transformers

Allient Power's CPT, an Industrial Control Transformer, is specifically designed to reduce supply voltages to the control voltages necessary for the operation of loads such as electromagnetic components - contactors, solenoids, timers, and relays, among others. Also known as control power transformers, our CPTs accommodate the momentary current inrush caused when electromagnetic loads are energized at start-up. Most electromagnetic loads require anywhere from 3 to 10 times their normal operating current for 30 - 50 milliseconds; Allient Power's CPTs provide the secondary voltage stability required over that inrush period through an engineered coil winding configuration.

Our CPTs meet or exceed the standards established by UL and cUL over the widest VA range in the industry. The rugged construction and quality electrical characteristics ensure reliable operation of electromagnetic devices and trouble-free performance.



### FEATURES AND BENEFITS:

- Enclosed coils completely encase the CPT transformer coils against moisture, dirt, dust, and industrial contaminants for maximum protection in industrial environments.
- Finger-safe terminals are integrally built in.
- Terminals are moded for a robust, compact design.
- Heavy gauge steel mounting plate adds strength to core construction and stability.
- Attractive black matte finish.

Allient Power CPTs are constructed with high quality silicon steel laminates, which minimize core losses and increase performance and efficiency. The use of high quality copper magnet wire assures efficient operation. Primary and secondary fusing options are also available in kits, or factory installed. Two parallel jumper links come standard with all transformers, which can be wired for dual primary voltages.

# Technical Specifications

Primary Voltage	115 to 600 V
Secondary Voltage	23 to 240 V
VA Rating	50 - 5,000
Frequency	50/60 Hz
Phase	1Phase
Load Types	Linear Loads
Environmental Conditions	
Ambient Temperature	-20°C (-4°F) to 40°C (104°F)
Operating Altitude	Up to 2,000m (6,600 ft) without derating
Enclosure Options	Open style only
Reference Technical Standards	
Agency Approvals	cULus, CSA
Warranty	3-year warranty period

## APPLICABLE ACROSS INDUSTRIES:



**HVAC Systems**



**Machine Tool Control**



**General Industrial Applications**



**Motor & Lighting Control**