



Technical expertise
with a human touch

Delta Control Transformers

Engineered for performance and protection, Delta control transformers keep your systems running efficiently and safely. Purpose-built for motor control, industrial panels, and automation applications, they feature unique solutions such as an integrated

grounding point for added customization. They deliver stable, isolated power to control circuits, protecting sensitive equipment and ensuring reliable performance, even in the most demanding environments.

Two Styles to Fit Your Needs

Delta offers two control transformer styles to meet the unique needs of different environments and installation types:



Open Style – Compact and versatile, perfect for panel builders, OEMs, or tight enclosures.



General Purpose Enclosed – Ready-to-install in a durable metal enclosure, ideal for light-duty industrial and commercial applications.

Key Features

Trusted Warranty Coverage

We stand behind our products with industry-leading 15-year warranty protection.

Enhanced Safety Features

Our patent-pending single-point grounding system simplifies grounding and bonding, enhances safety, reduces installation time, and ensures compliance with electrical codes and standards.

Compact Design for Maximum Efficiency

Open-style control transformers are up to 20% smaller than competing models, allowing you to maximize panel space. Ideal for compact enclosures and modular configurations, they deliver flexibility without compromising performance.



Features and Benefits

Built for Reliability and Performance

- With 10 standard voltage combinations, our transformers are designed to support a wide range of applications; from automation systems to battery energy storage.
- Engineered to withstand high inrush currents and continuous operation, they deliver reliable power to relays, solenoids, contactors, and timers.
- Copper-wound coils, durable insulation, and silicon steel laminations ensure stable voltage output and extended service life.
- A welded core and base design enhances mechanical strength and simplifies mounting.
- Vacuum-impregnated coils improve heat dissipation and maintain insulation integrity, enabling safe and efficient operation in demanding conditions.

Long-Term Warranty Coverage

- 15-Year Warranty on open-style and general purpose enclosed transformers.

Sustainable & Local Manufacturing

- Eco-friendly, foam-free packaging made from recyclable cardboard supports sustainable goals and reduces environmental impact.
- Proudly manufactured in North America, ensuring shorter lead times and responsive customer support.

Simplified Installation and Compliance

- Our patent-pending single-point grounding system (available on open-style models) ensures safe, code-compliant connections.
- A standard fuse block mounting plate (for open styles) supports both primary and secondary fusing, saving space and reducing installation time.
- Optional fuse kits and finger-safe accessories enhance safety and protection.
- Meets industry standards: CSA certification, UL listing, CE marking (open styles), RoHS compliance, and NEMA construction standards.



Applications



Process Controls



Panel Shops & Control Boards



Machine Automation



HVAC Panels



Power Timers, Solenoids and Controllers



Battery Storage

Feature/Application	Open Style	Enclosed
Industrial and light duty loads (HVAC, signal & alarm systems, lighting, and circuit isolation)	✓	✓
High inrush applications (relays, solenoids, magnetic starters)	✓	✓
Coil protected from debris, dust and damage	✗	✓
Secondary fusing options	✓	✓
Primary fusing options	✓	✗
Integrated ground screw	✓	✓
Compact design for tight spaces	✓	✗

*data subject to change without notice

Part Numbering Structure

Company	Family	Type	VA Rating				Primary & Secondary Voltages	
D	T	G	0	1	0	0	P	H

Company	VA	VA Code	Primary	Secondary	P/N Suffix	Max VA
D - Delta	50	0050	120 X 240	24	HC	500VA
Family	75	0075	277	120	IE	1500VA
	100	0100	380/347	24	LC	500VA
T - Transformers	150	0150	380/347	120 X 240	LH	1500VA
Type	250	0250	208 X 416	24	NC	500VA
	350	0350	208 X 416	120 X 240	NH	1500VA
G - Open Style	500	0500	240 X 480	24	PC	500VA
E - Enclosed Style	750	0750	240 X 480	120 X 240	PH	5000VA
	1000	1000	600	24	QC	500VA
	1500	1500	600 X 480	120 X 240	UH	5000VA
	2000	2000				
	3000	3000				
	5000	5000				

*This character should be blank if all the following characters are default values or not selected.

Standard specifications

	Open Style	General Purpose Enclosed
VA	50-5000	50-5000
Frequency	50/60Hz (60Hz only on QC and UH voltage codes)	50/60Hz (60Hz only on QC and UH voltage codes)
Phase	1	1
Winding Material	Copper	Copper
Insulation System	130°C insulation class 50-1500VA; 180°C insulation class >= 2000VA	130°C insulation class 50-1500VA; 180°C insulation class >= 2000VA
Enclosure Type	None	Type 1
Impregnation Process	The impregnation process for the core and coil assembly include a period under vacuum, followed by pressure impregnation using epoxy resin	The impregnation process for the core and coil assembly include a period under vacuum, followed by pressure impregnation using epoxy resin
Enclosure Finish	None	Grey finish ANSI-61
Fusing Accessories	SFJGK1 (fuse clips), PFBK8 (2-pole rejection fuse block), SFBK10 (1-pole non-rejection fuse block)	FSFH1 (fuse holder kit)
Knock-outs	None	8 total; 4 KO - 0.88"Ø ; 4 KO - 0.50"Ø
Certification	UL Listed, CSA certified, CE marked	UL Listed, CSA certified
Warranty	15 year warranty with standard limited liability clause	15 year warranty with standard limited liability clause



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