

## TEMCo Control Transformer - Data Sheet

TT2232 - TT2246

**Input Voltage:** 600  
**Output Voltage:** 110, 220

### Product Features:

- Built to order FAST in 1 week
- 10 Year Warranty - Guaranteed to Last.
- Copper Windings - Standard on all units.
- 130°C Insulation class. 80°C temperature rise (25-1000 VA models).
- 155°C Insulation class. 100°C temperature rise (1500-7500 VA models).
- Easy Wiring - Solid terminals with combination screw connections.
- Clear Terminals Marking - Identified with additive polarity markings.
- Versatile - Models with multi-voltage primary and secondary increase applications possible.
- Silicon Steel Lamination - Minimize core losses and increase efficiency.
- Excellent Regulation - Designs incorporate precision wound coils layers and exceed NEMA requirements.
- High Efficiency and Heat Dissipation - Every coil is precision bobbin-wound .
- Versatile Mounting - Vertically or horizontally.
- CSA Certified & UL Listed
- CE verified up to and including 5000 VA.



TEMCo Industrial Control Transformers are used to convert all standard international voltages. Many models are dual frequency rated for 50 and 60 Hz. TEMCo's transformers are built to last, guaranteed! That's why we back these with a decade long warranty.

Our industrial control transformers change supply voltages for the operation of components such as contactors, solenoids, relays, and timers. They accommodate momentary current inrush produced when electromagnetic components are energized without compromising secondary voltage stability. Maximum Safety is assured through the secondary control circuit which is isolated from the primary line circuit.

Voltage regulation of TEMCo Industrial Control Transformers exceeds standards recommended by the National Electrical Manufacturers Association. Secondary circuit voltage drop between no-load and momentary overload remains exceptionally low, maintaining excellent voltage regulation.

TEMCo has the capability to wind any custom control transformer with no penalty for small quantities. Please call us with your requirements for a Fast Turnaround Quote.

**Corporate Headquarters:** TEMCo - Tower Electric Motor Company 41484 Christy Street Fremont, CA 94538  
**Inside USA:** (877) 474-8209 **International:** (510) 490-2187 **Fax:** (510) 490-1507 [www.temcoindustrialpower.com](http://www.temcoindustrialpower.com)

Specifications may vary slightly from the information provided. For certified drawings and information, please contact a TEMCo representative.

## TEMCo Control Transformer - Specifications

TT2232 - TT2246

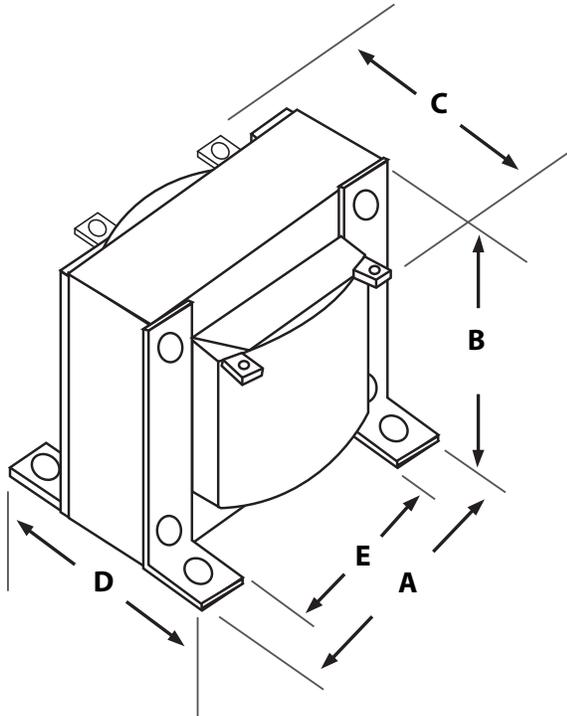
<b>Input Voltage:</b>	600
<b>Output Voltage:</b>	110/220
<b>Subtype:</b>	Control
<b>Phase:</b>	Single
<b>Frequency (Hz):</b>	60
<b>VA:</b>	25 to 7500 VA (25, 50 , 100, 150, 200, 250, 350, 500, 750, 1000, 1500, 2000, 3000, 5000, 7500)
<b>K Rating:</b>	1
<b>Primary configuration:</b>	One Winding
<b>Secondary configuration:</b>	One Winding
<b>Reverse connectable:</b>	No
<b>Winding material:</b>	Copper
<b>Electrostatic shielded:</b>	No
<b>Temperature rise:</b>	80°C (25 to 1000 VA) 100°C (1500 to 7500 VA)
<b>Insulation system:</b>	130°C (25 to 1000 VA) 155°C (1500 to 7500 VA)
<b>Enclosure raing:</b>	Open
<b>Construction style:</b>	Open - Core & Coil
<b>Mounting type:</b>	Base/Panel
<b>Connection type:</b>	Screw Terminals
<b>Cooling:</b>	Air/Dry
<b>UL Listed:</b>	Yes
<b>CSA Approved:</b>	Yes
<b>Other agency approvals:</b>	CE Verified (up to and including 5000 VA)
<b>Sound level:</b>	Less than 40 db
<b>Warranty:</b>	10 Years

## TEMCo Control Transformer - Dimensions & Weights

TT2232 - TT2246

**Input Voltage:** 600

**Output Voltage:** 110/220



### Dimensions (in inches)

Part #	VA	A	B	C	D	E	Mounting Holes	Weight (lbs.)
TT2232	25	3	2.5	2.77	1.98	2.5	0.21 x 0.625	1.25
TT2233	50	3	2.5	3	2.25	2.5	0.21 x 0.625	2.25
TT2234	100	3	2.5	3.27	2.5	2.5	0.21 x 0.625	2.75
TT2235	150	3.75	3.13	4.02	3	3.13	0.21 x 0.625	5.75
TT2236	200	3.75	3.13	4.59	3.25	3.13	0.21 x 0.625	6
TT2237	250	4.5	3.75	4.15	2.75	3.75	0.21 x 0.625	7.5
TT2238	350	4.5	3.75	5.2	3.75	3.75	0.21 x 0.625	11
TT2239	500	5.25	4.38	4.95	3.12	4.38	0.28 x 0.56	12.5
TT2240	750	5.25	4.38	6	4.12	4.38	0.28 x 0.56	19
TT2241	1000	5.25	4.38	6.7	5.12	4.38	0.28 x 0.56	25
TT2242	1500	7.5	6.25	6.75	3.5	6.75	0.31 x 0.688	36
TT2243	2000	7.5	6.25	7.75	4.5	6.75	0.31 x 0.688	39
TT2244	3000	7.5	6.25	9.75	6.5	6.75	0.31 x 0.688	59
TT2245	5000	9	8	9.75	6.5	8	0.31 x 0.688	91
TT2246	7500	9	8	11.75	8.5	8	0.31 x 0.688	115

Note: All dimensions are +/- 0.06 in. except for dimension "C," which is +/- 0.25 in.

**Corporate Headquarters:** TEMCo - Tower Electric Motor Company 41484 Christy Street Fremont, CA 94538  
**Inside USA:** (877) 474-8209 **International:** (510) 490-2187 **Fax:** (510) 490-1507 [www.temcoindustrialpower.com](http://www.temcoindustrialpower.com)

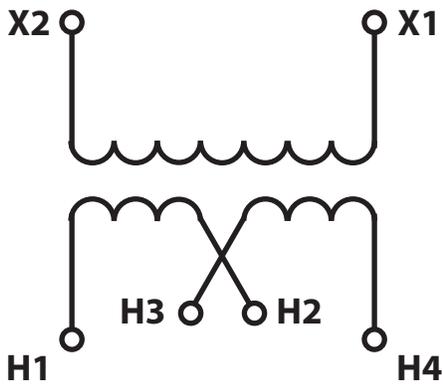
Specifications may vary slightly from the information provided. For certified drawings and information, please contact a TEMCo representative.

## TEMCo Control Transformer - Wiring Diagram

**TT2232 - TT2246**

**Input Voltage:** 600

**Output Voltage:** 110/220



### Connection Diagram

