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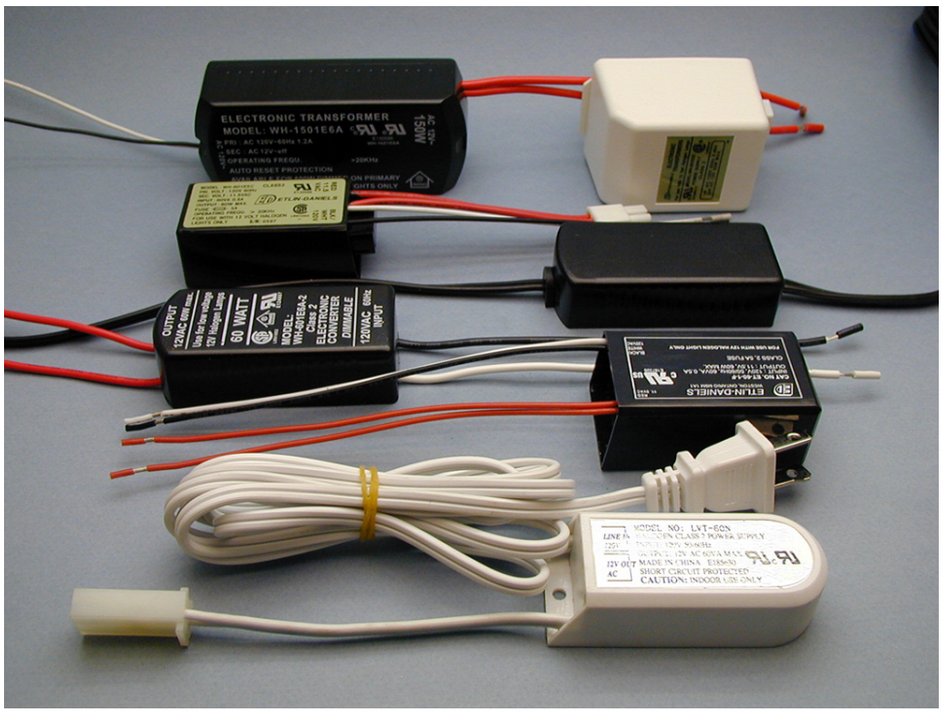
# SECTION G
# HALOGEN TRANSFORMERS








**Halogen Transformers**


| | |
|---|---|
| Plug-In Transformers | G2 |
| Hard Wired Transformers | G3 |
| In-Line Transformers | G3 |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# LOW VOLTAGE TRANSFORMERS FOR HALOGEN LIGHTING



## Electronic Transformers for Low Voltage Halogen Lighting

**Etlin-Daniels electronic transformers offer unmatched performance and reliability for you halogen lighting requirements.**

**Features:**

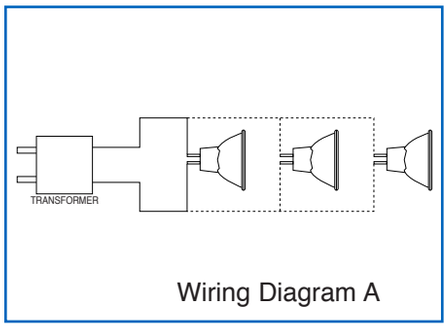
- Compact and light weight when compared to conventional magnetic transformers, allowing a whole new element of design flexibility
- Fully dimmable using conventional or electronic dimmers, from zero to full gradient capacity
- All units are enclosed in an epoxy sealed, fire retardant plastic case which can withstand severe environmental conditions and large temperature changes
- They can be used to power a single or multiple lamp application as long as they do not exceed the transformer's rating
- Most models offer a Class 2 safety rating
- Some models have integrated short circuit and overload protection, which will shut down the output and automatically reset when the condition is corrected
- 100% factory tested
- Easily mounted using an optional high temperature doubled sided adhesive tape to any clean surface, or by using special mounting adapter plates.
- Many models to choose from, one will be right for your application
- Models are available for North American and European applications
- What about the halogen lampholders or mini halogen fixtures to go with the transformers? See our catalogue sections for these items.



## Plug-In Low Voltage Transformers

WH-601E2C

LVT-01S




Wiring Diagram A

| MODEL NO. | INPUT VOLTS | OUTPUT VOLTS | MAXIMUM WATTAGE | WIRING DIAGRAM | OUTPUT LEAD LENGTH | DIMENSIONS | | | APPROVALS | CLASS 2 | AUTO RESET | SPECIAL FEATURES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | L | W | H | | | | |
| WH-501E2 | 120V | 12V | 50 | A | 6.5' (2 m) | 2.55" (65 mm) | 1.96" (50 mm) | 1.73" (44 mm) | UL, CSA | • | -- | |
| WH-601E2 | 120V | 12V | 60 | A | 6.5' (2 m) | 2.55" (65 mm) | 1.96" (50 mm) | 1.73" (44 mm) | UL, CSA | • | -- | |
| WH-601E2C | 120V | 12V | 60 | A | 6.5' (2 m) | 2.55" (65 mm) | 1.96" (50 mm) | 1.73" (44 mm) | UL, CSA | • | -- | With JST Connector |
| WH-601E2CA | 120V | 12V | 60 | A | 6.5' (2 m) | 2.55" (65 mm) | 1.96" (50 mm) | 1.73" (44 mm) | UL, CSA | -- | • | With JST Connector |
| WH-601E2CA-2 | 120V | 12V | 60 | A | 6.5' (2 m) | 2.55" (65 mm) | 1.96" (50 mm) | 1.73" (44 mm) | UL, CSA | • | • | With JST Connector |
| WH-602E2A | 230V | 12V | 60 | A | 6.5' (2 m) | 2.55" (65 mm) | 1.96" (50 mm) | 1.77" (45 mm) | GS | • | • | |
| LVT-01S | 120V | 12V | 60 | A | 6.5' (2 m) | 2.73" (69 mm) | 1.84" (74 mm) | 1.55" (39 mm) | UL, cUL | • | -- | |

- Standard case colour is Black
- White is also available, please add suffix "W" to the part number
- Power Factor >95%
- Total Harmonic Distortion <20%

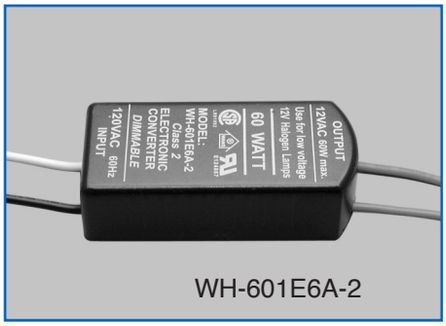
# LOW VOLTAGE TRANSFORMERS FOR HALOGEN LIGHTING



## Hard Wire Low Voltage Transformers

WH-601E5C

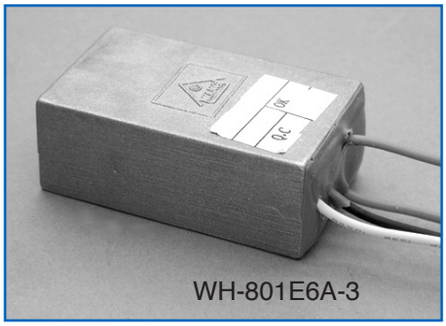
WH-1201E6A



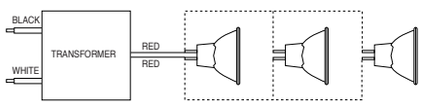
WH-601E6A-2

WH-801E5

WH-602E6AF


WH-801E6A-3

WH-2301E6A



Wiring Diagram B

- Standard case colour is Black
- White is also available, please add suffix "W" to the part number
- WH-801E6A-3 comes with an Aluminium Casing
- Power Factor >95%
- Total Harmonic Distortion <20%

| MODEL NO. | INPUT VOLTS | OUTPUT VOLTS | MAXIMUM WATTAGE | WIRING DIAGRAM | OUTPUT LEAD LENGTH | DIMENTIONS | | | APPROVALS | CLASS 2 | AUTO RESET | SPECIAL FEATURES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | L | W | H | | | | |
| ET60-1-F | 120V | 12V | 60 | B | 6" RED TEW | 2.48" (63.0) | 1.48" (38.0) | 1.06" (27.0) | UR, cUR | • | -- | |
| ET60-2-F | 230V | 12V | 60 | B | 6" RED TEW | 2.48" (63.0) | 1.48" (38.0) | 1.06" (27.0) | TUV, EMC, CE | • | -- | |
| ET60-1-EMI | 120V | 12V | 60 | B | 6" RED TEW | 2.48" (63.0) | 1.48" (38.0) | 1.06" (27.0) | UR, cUR | • | -- | Complies with FCC |
| WH-601E5 | 120V | 12V | 60 | B | 6" RED TEW | 2.55" (65.0) | 1.38" (35.0) | 1.02" (26.0) | UL, CSA | • | -- | |
| WH-601E5C | 120V | 12V | 60 | B | 6" RED TEW | 2.55" (65.0) | 1.38" (35.0) | 1.02" (26.0) | UL, CSA | • | -- | With JST Connector |
| WH-601E6A-2 | 120V | 12V | 60 | B | 6" RED TEW | 3.34" (85.0) | 1.02" (26.0) | 0.67" (22.0) | UL, cUL | • | • | |
| WH-601E2CA-2 | 120V | 12V | 60 | B | 6" RED TEW | 3.34" (85.0) | 1.02" (26.0) | 0.67" (22.0) | UL, cUL | • | • | With JST Connector |
| WH-601E6A-3 | 120V | 12V | 60 | B | 6" RED TEW | 2.55" (65.0) | 1.37" (35.0) | 0.79" (20.0) | UL, cUL | • | • | |
| WH-602E6AF | 230V | 12V | 60 | B | -- | 6.73" (171.0) | 1.73" (44.0) | 0.63" (16.0) | TUV, EMC, CE | -- | • | With Terminal Block |
| LVT-75B | 120V | 12V | 75 | B | 6" RED TEW | 3.18" (81.0) | 1.46" (37.0) | 0.86" (22.0) | UR, cUR | • | • | |
| ET80-1-F | 120V | 12V | 80 | B | 6" RED TEW | 2.48" (63.0) | 1.48" (38.0) | 1.06" (27.0) | UR, cUR | • | -- | |
| ET80-2-F | 230V | 12V | 80 | B | 6" RED TEW | 2.48" (63.0) | 1.48" (38.0) | 1.06" (27.0) | TUV, EMC, CE | • | -- | |
| ET80-1-EMI | 120V | 12V | 80 | B | 6" RED TEW | 2.48" (63.0) | 1.48" (38.0) | 1.06" (27.0) | UR, cUR | • | -- | Complies with FCC |
| WH-801E5 | 120V | 12V | 80 | B | 6" RED TEW | 2.55" (65.0) | 1.38" (35.0) | 1.02" (26.0) | UL, CSA | • | -- | |
| WH-801E5C | 120V | 12V | 80 | B | 6" RED TEW | 2.55" (65.0) | 1.38" (35.0) | 1.02" (26.0) | UL, CSA | • | -- | With JST Connector |
| WH-801E6A-3 | 120V | 12V | 80 | B | 6" RED TEW | 2.09" (53.0) | 1.30" (33.0) | 0.79" (20.0) | UL, cUL | • | • | Aluminum Casing |
| WH-1201E6A | 120V | 12V | 105 | B | 6" RED TEW | 4.31" (110.0) | 1.81" (46.0) | 1.25" (32.0) | UL, cUL | • | • | |
| WH-1052E-AF | 230V | 12V | 105 | B | -- | 6.37" (162.0) | 1.77" (45.0) | 1.18" (30.0) | TUV, EMC, CE | -- | • | With Terminal Block |
| WH-1601E6A | 120V | 12V | 150 | B | 6" RED TEW | 4.31" (110.0) | 1.81" (46.0) | 1.25" (32.0) | UL, cUL | • | • | |
| WH-1502E-AF | 230V | 12V | 150 | B | -- | 6.37" (162.0) | 1.77" (45.0) | 1.18" (30.0) | TUV, EMC, CE | -- | • | With Terminal Block |
| WH2301E6A | 120V | 12V | 230 | B | 6" RED TEW | 4.31" (110.0) | 1.81" (46.0) | 1.25" (32.0) | c UR us | • | • | |
| WH2501S | 120V | 12V | 250 | B | 6" RED TEW | 4.29" (109.0) | 3.54" (90.0) | 1.65" (42.0) | c UR us | • | • | |

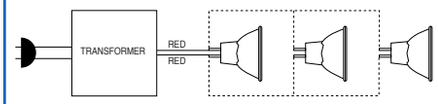
# LOW VOLTAGE TRANSFORMERS FOR HALOGEN LIGHTING



## In-Line Low Voltage Transformers With Attached 1-15P Polarized Plug

ET60-1-F-WC

ET60-1-WC-SPC



Wiring Diagram C

| MODEL NO. | INPUT VOLTS | OUTPUT VOLTS | MAXIMUM WATTAGE | WIRING DIAGRAM | OUTPUT LEAD LENGTH | DIMENSIONS | | | APPROVALS | CLASS 2 | AUTO RESET | SPECIAL FEATURES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | L | W | H | | | | |
| ET60-1-F-WC | 120V | 12V | 60 | C | 6' IN/3' OUT | 2.48" (63mm) | 1.48" (38 mm) | 1.06" (27 mm) | UR, cUR | • | -- | With JST Connector |
| ET60-2-F-WC | 230V | 12V | 60 | C | 6' IN/3' OUT | 2.48" (63mm) | 1.48" (38 mm) | 1.06" (27 mm) | TUV, EMC, CE | • | -- | With JST Connector |
| ET60-1-WC-EMI | 120V | 12V | 60 | C | 6' IN/3' OUT | 2.48" (63mm) | 1.48" (38 mm) | 1.06" (27 mm) | UR, cUR | • | -- | Complies with FCC |
| ET60-1-WC-SPC | 120V | 12V | 60 | C | 6' IN/3' OUT | 2.48" (63mm) | 1.48" (38 mm) | 1.06" (27 mm) | UR, cUR | • | • | |
| WH-601E6A-2-WC | 120V | 12V | 60 | C | 6' IN/3' OUT | 3.34" (85 mm) | 1.96" (50 mm) | 1.73" (44 mm) | UL, cUL | • | • | With JST Connector |