

### DIMMABLE ELECTRONIC LOW VOLTAGE TRANSFORMER

|                                 |  |
|---------------------------------|--|
| <b>Input Voltage</b>            | 120Vac, 277VAC - 50-60Hz                                 |
| <b>Output</b>                   | 11.5 VAC   |
| <b>Enclosure Material</b>       | Aluminum   |
| <b>Weight</b>                   | 2.4 oz.  |
| <b>Power Factor</b>             | 0.98   |
| <b>Operating Frequency</b>      | 25KHz  |
| <b>Total Harmonic Dstortion</b> | ≤ 20%  |
| <b>Input</b>                    | 8", 18AWG stranded,<br>105 degree C stripped 3/8" tinned |
| <b>Output</b>                   | 6", 18AWG stranded,<br>105 degree C stripped 3/8" tinned |

### ENVIRONMENTAL SPECIFICATIONS:

|                                     |   |
|-------------------------------------|---|
| <b>Maximum Case Temperature</b>     | 90°C  |
| <b>Minimum Starting Temperature</b> | -18°C   |
| <b>Sound Rating</b>                 | A+  |
| <b>Operating Humidity</b>           | 95% relative humidity,<br>non-condensating                                |
| <b>Environmental Protection</b>     | Epoxy Sealed for moisture<br>resistance and shock/vibration<br>resistance |

### PRODUCT FEATURES :

- High Reliability
- Moisture Resistant
- Emits no audible noise
- Low Harmonic Distortion
- High power factor
- Lightweight, compact design
- Small case size
- Works with most commercially available dimmers. Hardwire electronic dimmers are recommended for optimum performance.

### APPROVALS:

- Class P Type 1  
Outdoors
- Class 2 Approved



### ELECTRICAL FEATURES:

#### Electronic Short-Circuit Protection

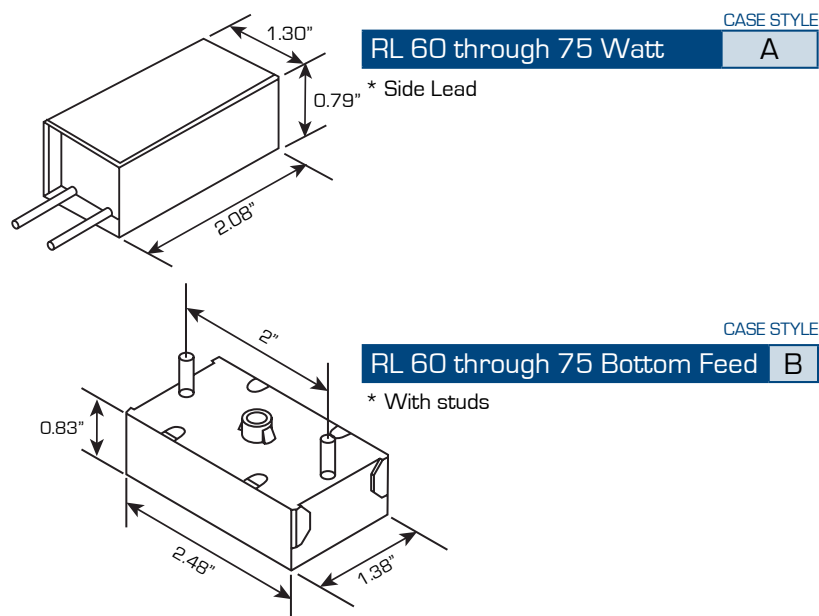
All hatch low-voltage transformers employ our (ESP) Electronic Short Circuit and overload Protection. The ESP sensing circuit will instantly shut down the output before any of the components are stressed if a short circuit or over load is detected. The transformer will automatically reset as soon as the fault is corrected.

### HARDWIRE ELECTRONIC

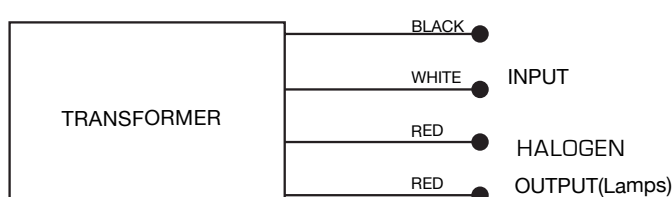
| Max Watts | Min Watts | Hatch Part Number | Input Volts | Output Volts | Input Amps | Output Amps | Case Style | Safety Listing                 |
|-----------|-----------|-------------------|-------------|--------------|------------|-------------|------------|--------------------------------|
| 60        | 10        | RL12-60A          | 120         | 11.5         | 0.50       | 5.3         | A          | UL/C-UL<br>Recognized, Class 2 |
| 75 Watt   |           |                   |             |              |            |             |            |                                |
| 75        | 10        | RL12-75A          | 120         | 11.5         | 0.63       | 6.3         | A          | UL/C-UL<br>Recognized, Class 2 |
|           |           | RL12-75ABF        |             |              |            |             | B          |                                |
|           |           | RL12-75A-277*     | 277         |              | 0.27       | 6.25        | A          |                                |
|           |           | RL12-75ABF-277*   |             |              |            |             | B          |                                |

\* NOTE: Must use a minimum of 20 watts when using dimmers. It is also important to confirm dimming controls compatibility with the manufacturer and your Hatch representative. 277 Volt dimming not recommended.

### DIMENSIONS:



### WIRING DIAGRAM:



### NOTES:

# Mouser Electronics

Authorized Distributor

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