75 WATT "RL" SERIES DIMMABLE ELECTRONIC TRANSFORMERS



RL12-75ABF

RL12-75A

Electrical/Mechanical Specifications

Electronic Short-Circuit Protection

All Hatch low-voltage transformers employ our (ESP) Electronic Short Circuit and over load 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.

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Electronic Low Voltage Transformer 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.
  (See notes on back page.)

Environmental Specifications

Maximum Case Temperature	194˚F, 90˚C
Minimum Starting Temperature	0˚F, - 18˚C
Sound Rating	A+
Operating Humidity	95% relative humidity, non-condensating
Environmental Protection	Epoxy Sealed for moisture resistance and shock/vibration resistance
Safety Listing c UL us	Class P Type 1 outdoor

Electrical/Mechanical Specifications

Input	120VAC or 277 VAC - 50/60 Hz
Output	11.5 VAC
Enclosure Material	Aluminum
Weight	2.4 oz.
Power Factor	0.98
Operating Frequency	25 KHz
Total Harmonic Distortion	≤ 20%
Safety Standard	c UL us
Input:	Black & White 8"
Output:	Red 6"

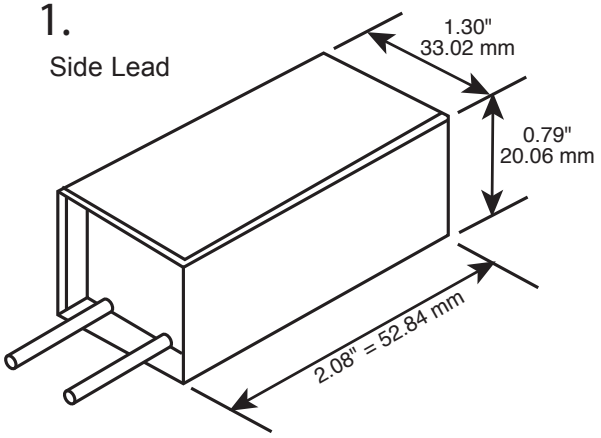
Hatch Transformers, Inc.
7821 Woodland Center Boulevard Tampa, FL 33614 • Ph: 813-288-8006 • Fax: 813-288-8105 • www.hatchlighting.com

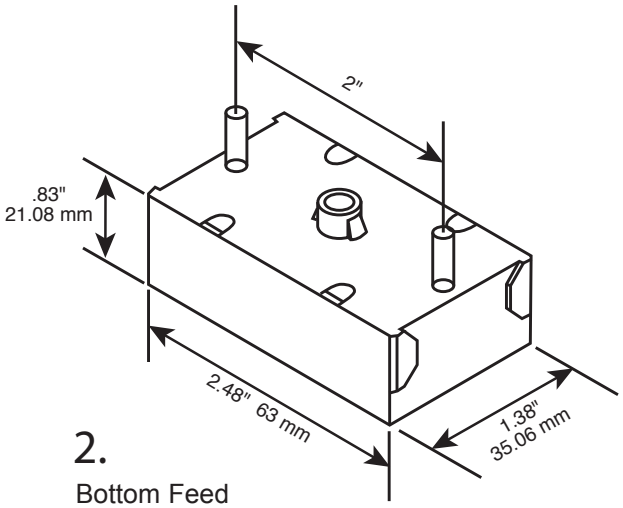
Electronic Transformer

75 Watt "RL" Series

DIMENSIONS

1.
Side Lead

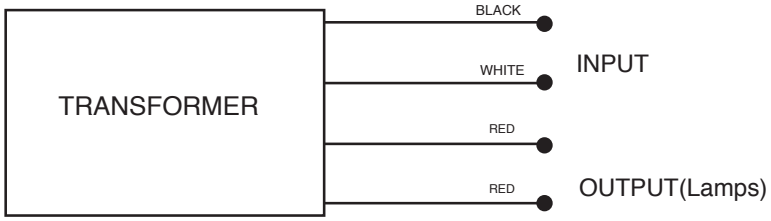




2.
Bottom Feed

WIRING DIAGRAMS

DIAGRAM A



H A R D W I R E E L E C T R O N I C

Max Watts	Min Watts	Input Volts	Output Volts	Input Amps	Output Amps	Wiring Diagram	Case Style	Hatch Item No.	Safety Listing
75	20	120	11.5	0.63	6.3	A	1	RL12-75A	UL/C-UL Recognized
							2	RL12-75ABF	
75	20	277	11.5	0.27	6.25	A	2	RL12-75ABF-277	UL/C-UL Recognized

Note: Lamp wattage minimum load for dimming is 20W (277 Volt models are not dimmable). It is also important to confirm dimming controls compatibility with the manufacturer and your Hatchrepresentative.

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Specifications subject to change without notice. 10/11