Transformers

DIMMABLE ELECTRONIC LOW VOLTAGE TRANSFORMERS

60 & 75 Watt Models

RL HARDWIRE TRANSFORMERS

GENERAL INFORMATION

Input Voltage	120VAC, 277VAC, 230V - 50-60Hz
Output	11.5 VAC
Enclosure Material	Aluminum
Weight	2.4 oz.
Power Factor	0.98
Total Harmonic Distortion	≤ 20%
Input	8", 18AWG stranded, 105 degree C stripped 3/8" tinned
Output	6", 18AWG stranded, 200 degree C stripped 3/8" tinned

ENVIRONMENTAL SPECIFICATIONS

Maximum Case Temp.	90°C
Minimum Starting Temp.	-18°C
Maximum Storage Temp.	85°C
Sound Rating	A+
Operating Humidity	95% relative humidity, non-condensating
Environmental Protection	Fully potted for moisture resistance and shock/ vibration 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

- UL Class 2 Approved
- RoHS Compliant

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 Recognized, Class 2
75 Watt								
75	10	RL12-75A	120	11.5	0.63	6.3	A	UL/C-UL Recognized, Class 2
		RL12-75ABF					B	
		RL12-75A-277*	277		0.27	6.25	A	
		RL12-75ABF-277*	277		0.27		B	
		RL12-75-230WD	230		0.35		A	

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.

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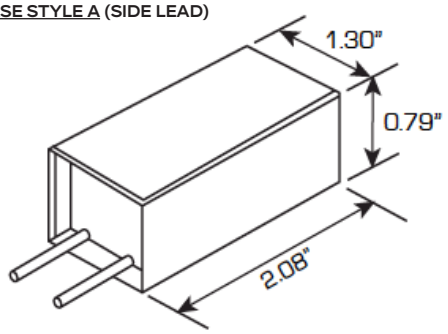
DIMENSIONS

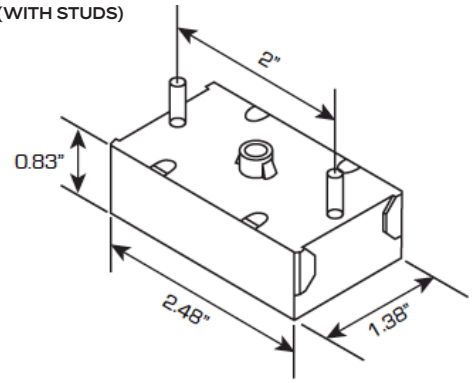
RL 60 through 75 Watt

CASE STYLE A (SIDE LEAD)



RL 60 through 75 Bottom Feed

CASE STYLE B (WITH STUDS)



WIRING DIAGRAMS

DIAGRAM A

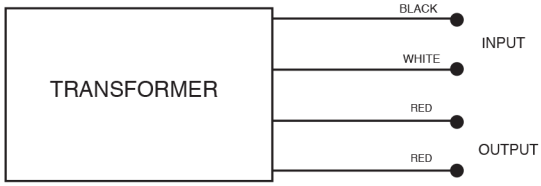
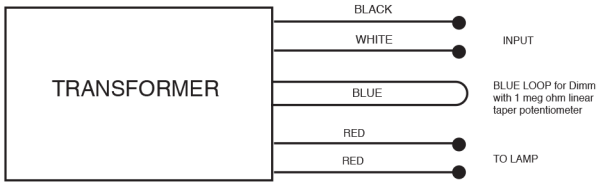


DIAGRAM B for RL12-75-230WD*



*WD units are for use with halogen lamps only. WD models have dimming loop for use with 1 meg ohm potentiometer versus line side dimmer controls.

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