

60 & 75 WATT "V" SERIES ELECTRONIC TRANSFORMER



<.68"68.00_{mm} 1.14" 28.96mm 1 49" 37.85mm

Note: VS style 60 and 75 Watt Transformers are provided with UL approved high temperature 3M double sided tape for adhering transformer to enclosure.

Electronic Low Voltage Transformer:

- High Reliability
- Moisture and Shock Resistant
- Emits No Audible Noise
- Low Harmonic Distortion
- High Power Factor
- Lightweight, Compact Design
- Works with most commercially available dimmers. Hardwire electronic dimmers are recommended for optimum performance

Environmental Specifications

Maximum Case Temperature

30℃ **Sound Rating** A+

Operating Humidity 95% relative humidity, non-condensating

Environmental Epoxy Sealed for Protection moisture resistance and

shock vibration resistance

Electrical/Mechanical **Specifications**

Enclosure Material	(<u>U</u> L)
	Flame Retardant,
High Temperature	e, Engineering Resin
Color	Black
Weight	4 oz.
Power Factor	> 0.95
Operating Frequency	25 KHz
Total Harmonic Distortion	
Safety Standard	c 71 us
(Class 2	
Input Leads	,
Output Leads	,

Soft Start Circuitry

All models of Hatch low-voltage transformers utilize a soft start circuitry to maximize lamp life. The soft start circuit ramps up the lamp filament voltage slowly when the lamp is cold.

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.

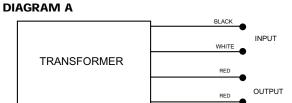


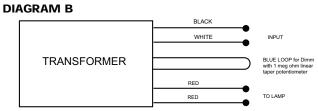
VS STYLE 60 AND 75 WATT ELECTRONIC TRANSFORMERS

HARDWIRE ELECTRONIC

Max Watts	Min Watts	Input Volts	Output Volts	Input Amps	Output Amps	Wiring Dia.	Hatch Item No.	Safety Listing	
	10	120	11.5 0.52	0.52	5.2	Α	VS12-60W	UL/C-UL Recognized,	
				0.32		В	VS12-60WD*		
60		10		23.5	0.52	2.6	Α	VS24-60W	Class 2
			230	11.5	0.26	5.2	Α	VE12-60W	None
75	10	120 11.5	44.5	0.02	6.05	Α	VS12-75W		
			0.63	6.25	В	VS12-75WD*	UL/C-UL		
		277	11.5	0.27	6.25	Α	VJ12-75W	Recognized	
		230	11.5	0.27	6.25	Α	VE12-75W	None	

^{*} Must use a minimum of 20 watts when using a dimmer.





^{*} WD models have dimming loop for use with 1 meg ohm potentometer versus line side dimmer controls