

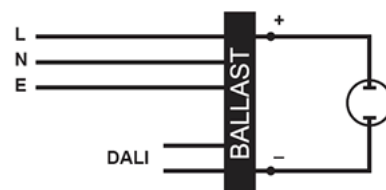
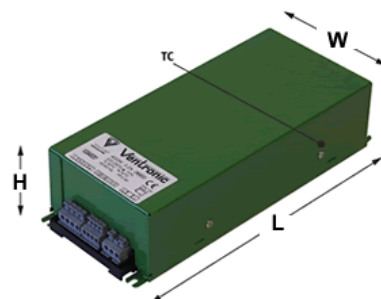
## High Wattage Ventrionic Ballasts DALI dimming

Type: DIMMING \*\*\* See dimming notes below \*\*\*

Suitable Lamps: HPS

### Electrical Data

Actual Lamp Power	250
Circuit Watts (W)	262
Dimmed Power Level	VARIABLE
Dimmed Lamp Power (W)	70%=175, 50%=125, 35%=87
Dimmed Circuit Watts (W)	70%=184, 50%=133, 35%=93
Input Voltage (V) ±10%	220 - 240
Input Frequency (Hz)	50 / 60
Input Current (A) @ 240V	1.1
Power Factor	>0.95
Total Harmonic Distortion (THD)%	<10
Max Ballasts per C16A Circuit	14
Lamp Waveform	Sine Wave
Lamp Operating Frequency (Hz)	>101k
Voltage Ignition (kV)	5
Maximum Cable Capacitance (pF)	1000
Internal Data Logging	Yes



Circuit Diagram

### Safety & Thermal

Short Circuit Protection	Yes
Continuous Open Circuit	Yes
Thermal protection with Auto Reset	Yes
End of Lamp Protection	Yes
Maximum Case Temperature (°C)	85
Maximum Ambient Temperature (°C)	55
Minimum Ambient Temperature (°C)	-40

### Physical Data

Termination Type	GRIPWIRE
Termination Size (mm <sup>2</sup> )	0.75 - 2.5
Termination Length (mm)	Not Applicable
Case Type	Aluminium
Fixings (mm)	227-232 x 83
Weight (kg)	0.9
Conformal Coating	None
IP Rating	IP20 *** For internal use only ***
Total Length (mm)	237
Width (mm)	103
Height (mm)	57

Revision: 10-06-2013

\*\*See page 2 for product notes\*\*

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## **High Wattage Ventronic Ballasts DALI dimming**

### **Notes:**

\* Ventronic DALI ballasts are also fitted with 1-10V sensor input, which enables a standard 1-10V control device (Photocell etc) to be queried by the master DALI controller, via the ballast it is connected to. This 1-10V signal can then be interpreted by the master DALI control as if it were a DALI device. Both the ballast and the connected 1-10V device effectively share the same DALI address.

MTBF is 80,000 hours at 25°C ambient

Dimming will not commence until the lamp has been operated at full power for 5 minutes.

Expected life: 60,000 hours at rated case temperature.

HPS lamps are 70% maximum dimming - 30% minimum power.