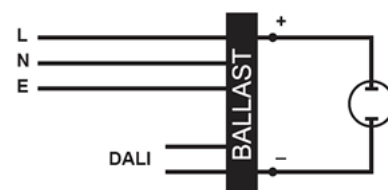
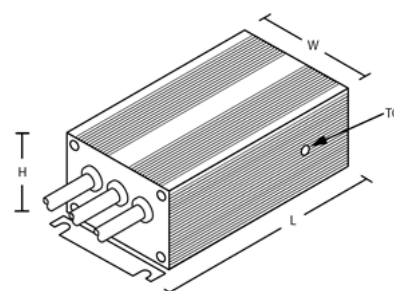


High Wattage Ventronic Ballasts DALI dimming

Suitable Lamps: HPS

Electrical Data

Actual Lamp Power	250
Circuit Watts (W)	262
Dimmed Power Level	VARIABLE
Dimmed Lamp Power (W)	35%=87, 50%=125, 70%=175
Dimmed Circuit Watts (W)	35%=93, 50%=133, 70%=184
Input Voltage (V) $\pm 10\%$	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	Wires
Termination Size (mm²)	1.0
Termination Length (mm)	400
Case Type	Aluminium
Fixings (mm)	217-223 x 67
Weight (kg)	1.1
Conformal Coating	Yes
IP Rating	IP40 *** Suitable for external fixtures ***
Total Length (mm)	228
Width (mm)	104
Height (mm)	60

Revision: 25-02-2014

See page 2 for product notes

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High Wattage Ventronic Ballasts DALI dimming

Notes:

Additional EMC filtering may be required depending upon your application.

* 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.