

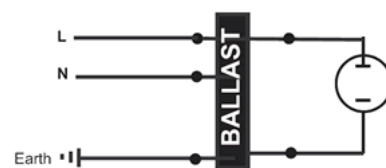
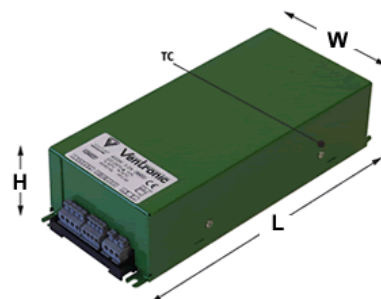
High Wattage Ventronic Ballasts Switched/1-10V dimming

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 ²)	0.75 - 2.5
Termination Length (mm)	Not Applicable
Case Type	Aluminium
Fixings (mm)	227-232 x 83
Weight (kg)	0.9
Conformal Coating	Yes
IP Rating	IP20 *** Suitable for external fixtures ***
Total Length (mm)	237
Width (mm)	103
Height (mm)	57

Revision: 10-06-2013

See page 2 for product notes

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Notes:

MTBF is 80,000 hours at 25°C ambient

This ballast will operate at full power continuously and requires programming using BCP004K01 or BCP004K02 together with BCM063K01, noting that programmed time setting tolerances can be up to ± 30 minutes.

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

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