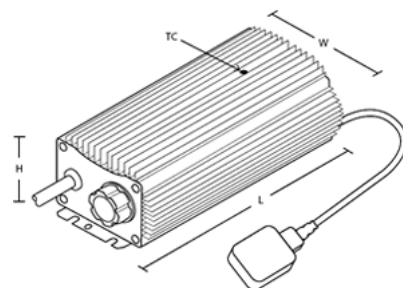


## Control Gear for Sunmaster Grow Lamps

Suitable Lamps: Metal Halide, HPS

### Electrical Data

Actual Lamp Power	600
Circuit Watts (W)	650
Dimmed Power Level	VARIABLE
Input Voltage (V) $\pm 10\%$	220 - 240
Input Frequency (Hz)	50 / 60
Input Current (A) @ 240V	2.7
Power Factor	>0.95
Total Harmonic Distortion (THD)%	<10
Max Ballasts per C16A Circuit	5
Lamp Waveform	Sine Wave
Lamp Operating Frequency (Hz)	>50k
Voltage Ignition (kV)	4
Maximum Cable Capacitance (pF)	1500



### Safety & Thermal

Short Circuit Protection	Yes
Continuous Open Circuit	Yes
Thermal protection with Auto Reset	Yes
End of Lamp Protection	Yes
Maximum Case Temperature $t_c$ (°C)	90
Maximum Ambient Temperature (°C)	50
Minimum Ambient Temperature (°C)	-25

### Physical Data

Termination Type	Input = EU plug	Output = 4m lead
Termination Size (mm <sup>2</sup> )	1 and 1.3	
Termination Length (mm)	40 and 4000	
Case Type	Aluminium Extrusion	
Fixings (mm)	310x55 and 310x42	
Weight (kg)	2.5	
IP Rating	IP43	
Total Length (mm)	290	
Width (mm)	110	
Height (mm)	80	

Revision: 03-10-2013

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



**Product Code: VSM604255-EU**

## **Control Gear for Sunmaster Grow Lamps**

### **Notes:**

This Product Specification contains data about typical performance at nominal power. Actual values may depend on ballast and applications. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.