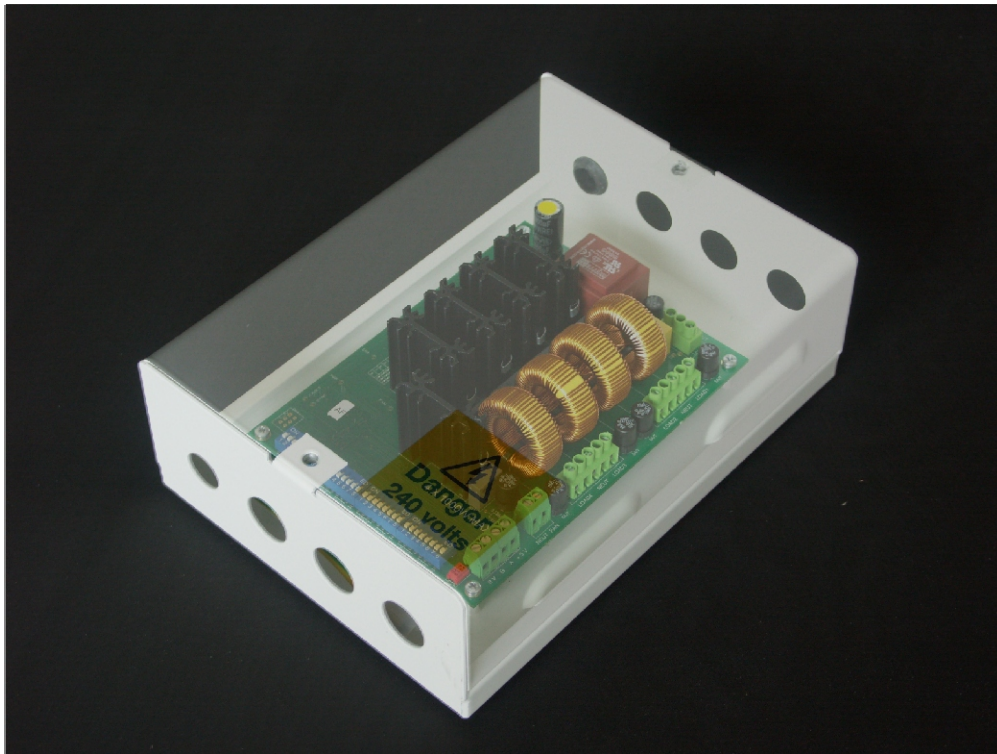
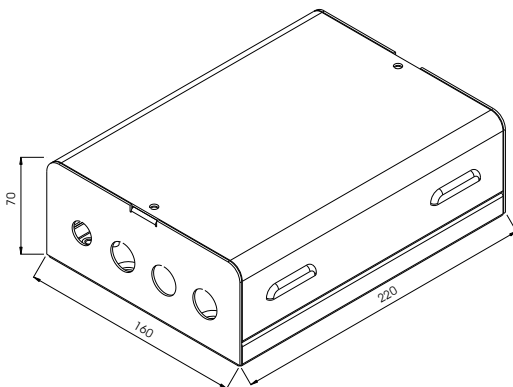
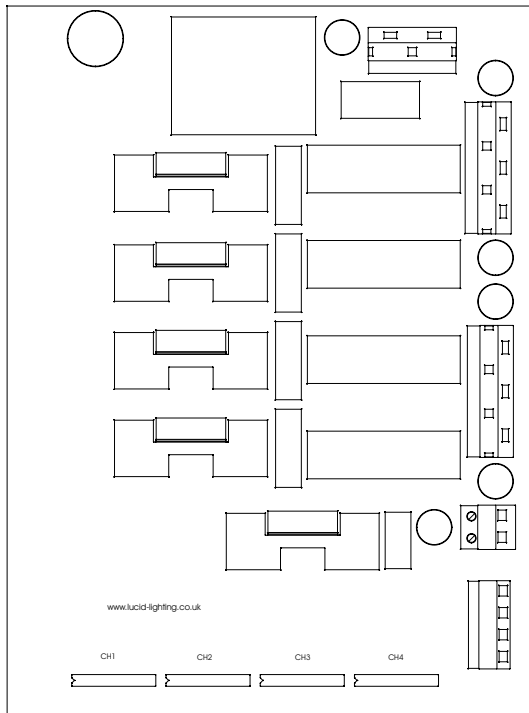


# Product Brief



## DS 4 Channel Leading Edge Dimmer

The DS4x600/1000 is a 4 channel, triac controlled, leading edge dimmer, designed to drive incandescent lamp loads up to 600/1000 watts per channel. In addition it has a switched output channel designed to control an extractor fan or similar load. When used in conjunction with control plates from the Lucid Lighting range, a scene based lighting control system with infra-red capability can be constructed to suit installations both large and small. The control plates are connected to the dimmer using low voltage CAT5 style cable and data communication is supported by the Hy-Net protocol, which is a proven robust interface with an integral watchdog facility. The DS range of dimmers has the advantage of having individual DIP switches per channel which dramatically reduces the need for laptop configuration.



## Technical Specifications

Supply	230vac 50/60Hz
Outputs	4 x 2.5A / 4 x 4A
Outputs Fused	Busmann EFF 5mm
Surge	400amp 20msec
Phase Control	Leading Edge Triac
Turn On	Soft Start Lamp Current
EMC	Iron Powder Core Chokes
Cable Entries	4x 20mm, 1 x 16mm
Switched Output	Extractor Fan Control
Control Input	Hy-Net Serial Data
Incoming MCB	Available Option
Internal Controls	4 x Zone-Chan DIP Switch
Indicators	Power & Diagnostic LEDs
Operating Temp	0 - 40 degC Ambient
Enclosure	Powder Coated Steel
Dimensions	220 x 160 x 70 mm

## Suitable Loads

Tungsten GLS
Leading Edge Electronic Transformers
Iron Transformers
Retrofit Mains Voltage LEDs (eg GU10)