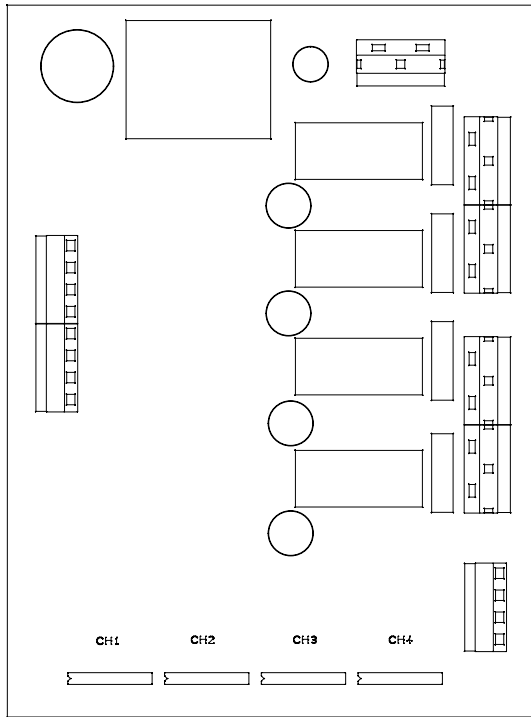


# Product Brief

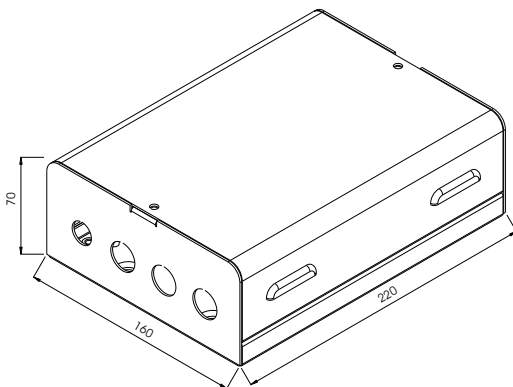


## DS 4 Channel 0-10v Dimmer

The DS4xFLU is a 4 channel, 0-10volt, analogue output dimmer, designed to drive (0-10v) fluorescent lamp ballasts. Each channel has its own high inrush power relay rated at 10amps to provide switched mains power to the ballasts (or to a contactor where there are a large number of ballasts). This module is also well suited to driving 0-10v LED Transformers. 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.



<b>Technical Specifications</b>	
Supply	230vac 50/60Hz
Outputs	4 x 0 - 10vdc
Relays	4 x 10amp 100A Inrush
EMC	R-C Suppression
Dimming Control	0 - 10v Analogue
Cable Entries	4x 20mm, 1 x16mm
Low Voltage Out	5vdc 100ma
Control Input	Hy-Net Serial Data
DMX 512	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



<b>Suitable Loads</b>
High Frequency 0-10v Fluorescent Ballasts
0-10v LED Transformers