

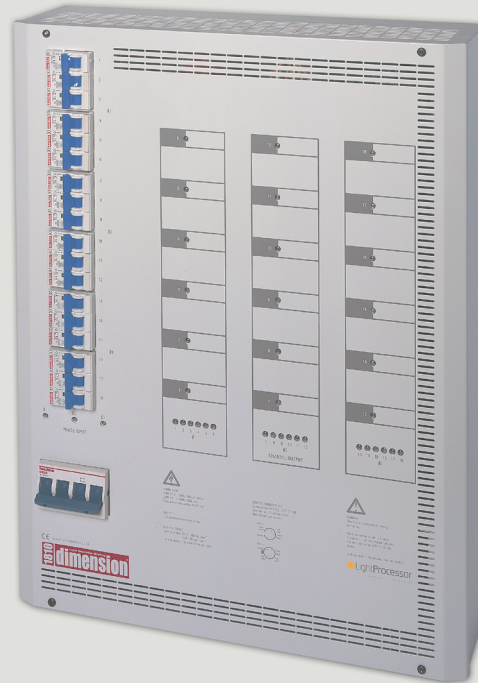
Features

- 18 Individual channels of 10 amps
- Single or Three phase mains input
- Outputs suitable for resistive, inductive and low voltage transformer loads (that are compatible with leading edge dimmers)
- 100% duty cycle
- Microprocessor managed
- Thermostatic fan cooling
- USITT DMX512 input standard
- Emergency lighting subcircuit wiring
- Non-Dim options
- Easy installation and servicing
- Smart cabinet
- Removable base access panel for power wiring
- Test and pre-heat functions
- Optional output 'hold' or 'clear' on DMX input signal failure
- MCB - Individual
- Isolator (Input) or option - RCD
- Optional Scene Control
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2000 standards



dimension

Dimension Product Family



Overview

This innovative range of leading-edge dimming has been specifically designed to offer both features and performance not normally available at this price level. Delivering an affordable quality product for the customer who demands no more than absolute reliability in a whole range of diverse applications.

Compact in size, sleek clean lines and ease of installation make this range the smart choice ideally suited to both the architectural and entertainment sectors. Channel identification, visual status indicators and circuit breakers are standard. RCD and neutral disconnect protection options allow this product to be specified into any environment. Three individual 6 channel modules allow the unit to be configured specifically for each project. Two standard modules can be set for dimming or switching.

The unit is supplied complete with wall mount brackets that allow both fast and accurate fixing of single or multiple units. Installer & maintenance friendly features make this the "low cost" option both during installation and for years afterwards.

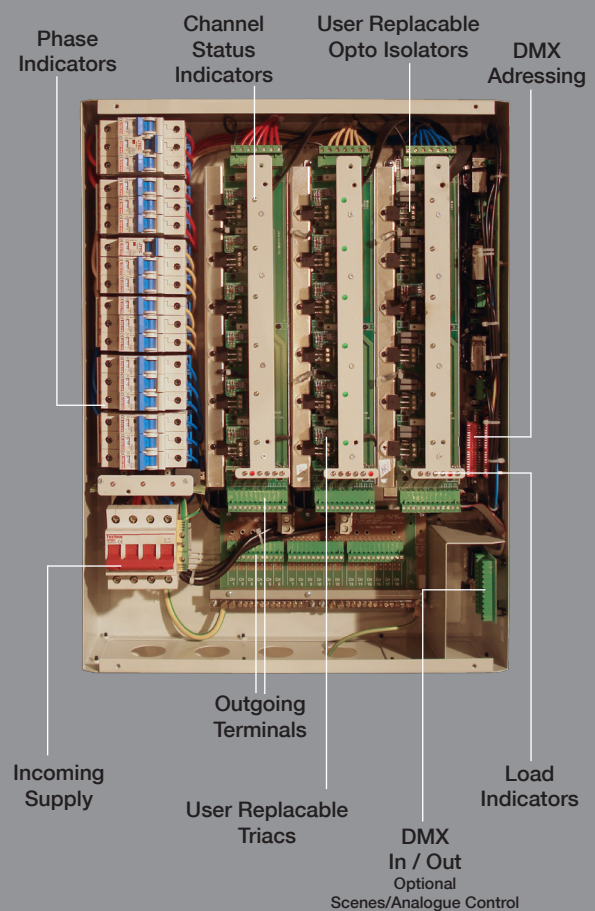
Also available in a 18 x 6Amp version.

Technical Specification

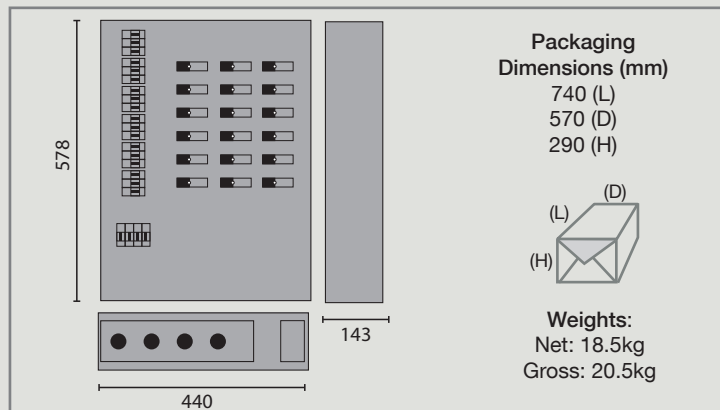
Power Supply	Single Phase, or Three Phase (Star)		
Voltage Range	Selectable - 230V or 115V nominal AC - single phase 415V or 220V nominal AC - 3phase		
Supply Frequency	45-65Hz (50/60Hz operation user selectable)		
Control Input	USITT DMX512(1990) - (additional input options available)		
DMX Channel map	18 contiguous channels from start address		
Power Consumption (max. kW)	Supply / Model	1806	1810
	Single Phase 115V	08.3	11.5
	Single Phase 230V	23.0	23.0
	Three Phase 115V	08.3	13.8
	Three Phase 230V	16.6	27.6
Maximum input current Optional RCD	Single Phase - 100A Three Phase - 180A Single Phase - 63A / Three Phase 180A		
Dimming Capacity	18 Channels 1806 - Each channel 6A max. continuous use 1810 - Each channel 10A max. continuous use Resistive or inductive		
Minimum load	60W per channel		
Output Connectors	Unpluggable screw terminal block - 2 No. 4mm. per output		
Output Protection	Type C thermo/magnetic mcb. IOKA breaking capacity.		
Input Connector	Screw terminal block - 10mm.		
Input Protection	4 pole isolator standard - 30mA RCD option available		
Construction	Polyester coated steel - Colour: RAL 7035		
Environment	<ul style="list-style-type: none"> • Temperature 0-30.C • Relative Humidity 0-90% non-condensing • Pollution Degree 2 • Installation Category 2 • Protection Classification 1P30 		
Conformance	LVD (using EN60439 and EN60950) EMC (using EN55014 and EN50082-1)		

ORDER CODE	DESCRIPTION
042-744/6	Dimension Product Options Dimension 12 x 6amp Dimmer Dimension 12 x 10amp Dimmer Dimension 18 x 6amp Dimmer Dimension 18 x 10amp Dimmer
042-744	
042-741/6	
042-741	
042-748	Dimension Accessories/Options RCD Input Option Analogue Input Module (Up to 18 Channels) Scene Input Module Lightprocessor Systems Connect Enclosure Lightprocessor Systems Connect PCB Lightprocessor Systems Connect PSU Systems connect scene card Systems connect DMX interface PCB Partition PCB
042-745	
042-747	
042-860	
042-863	
042-866	
042-871	
042-867	
042-868	

Product Anatomy



Dimensions



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