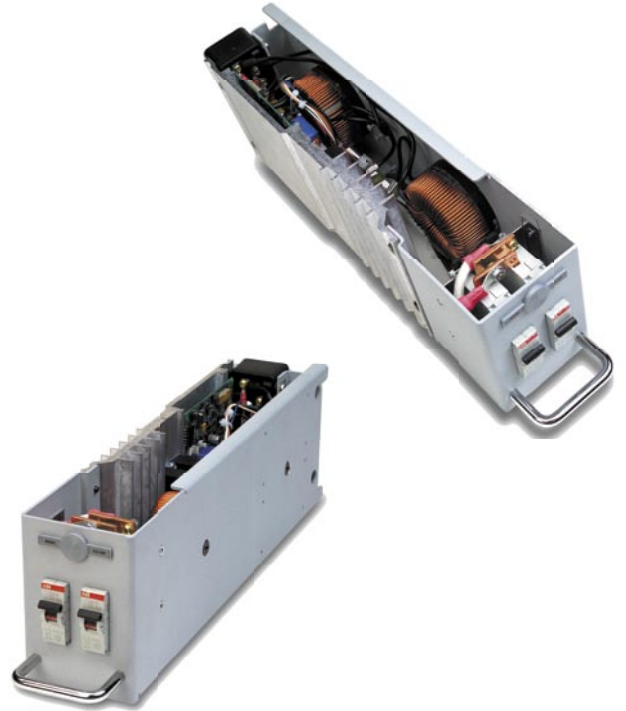




EC21 Dimmer Modules

Features

- Plug in Modular Dimmer System
- Up to 96 Sinewave dimmers per rack
- Sinewave and Thyristor modules may be mixed in the same rack
- Dual 3kW and 5kW TrueSine™ Sinewave Dimmer Modules provide a true Sinewave output
- Dual 3kW and 5kW Thyristor Dimmer Modules with 200µs or 400µs filter chokes
- Single 10kW Thyristor modules available with 200µs or 400µs filter chokes
- Quad 2.5kW modules available for high density applications of up to 144 circuits per rack (single pole operation only)
- Contactor modules provide switched control for a wide range of loads
- All dual and single modules are available with optional status reporting. (Standard on Sinewave modules)
- All Single and Dual Dimmer modules are available with SP, SPN and RCD circuit breakers



Technical Specifications

Approvals All EC21 modules CE and TUV/VDE marked

Mechanical Data

Construction Heavy duty formed aluminium

Weight (typical module)

3kW dual module	3.3kg
5kW dual module	4.1kg
10kW single module	5.4kg



Introduction

The EC21 dimmer rack was developed in response to in-depth market research from key customers and consultants. The EC21 has set an unprecedented industry first by providing the ability to install 96 5kW Sinewave dimmers in a single rack - greatly increasing dimming density for Sinewave users.

The new dimming system allows users to freely mix dimmers of any type (both Sinewave and conventional modules) within a single rack. A new Quad dimmer module allows Thyristor based systems to achieve a density of 144 dimmers in a single rack. All dual and single dimmer and contactor modules may be ordered with our optional dimmer status reporting electronics providing

system operators with a wide range of dimmer information.

All Dimmer status and rack configuration is available via any Web Browser connected to the lighting network. EC21 dimmer systems feature a universal 24, 36 and 48-module rack design that provides support for 90-260 volt operation and are CE, TUV, VDE marked.

Ordering Information

Cat No Description

TrueSine™ Sinewave Modules

76637 Dual 3kW SP
76638 Dual 3kW SPN
76639 Dual 3kW RCD
76640 Dual 5kW SP
76641 Dual 5kW SPN
76642 Dual 5kW RCD

Thyristor Dimmer Modules

Standard Dimmers

76600 Quad 2.5kW 100µs SP
76601 Dual 3kW 200µs SP
76602 Dual 3kW 200µs SPN
76603 Dual 3kW 200µs RCD
76604 Dual 3kW 400µs SP
76605 Dual 3kW 400µs SPN
76606 Dual 3kW 400µs RCD
76613 Dual 5kW 200µs SP
76614 Dual 5kW 200µs SPN
76615 Dual 5kW 200µs RCD
76616 Dual 5kW 400µs SP
76617 Dual 5kW 400µs SPN
76618 Dual 5kW 400µs RCD
76625 Single 10kW 200µs SP
76626 Single 10kW 200µs SPN
76627 Single 10kW 200µs RCD
76628 Single 10kW 400µs SP
76629 Single 10kW 400µs SPN
76630 Single 10kW 400µs RCD

Reporting Dimmers

76607 Dual 3kW 200µs SP
76608 Dual 3kW 200µs SPN
76609 Dual 3kW 200µs RCD
76610 Dual 3kW 400µs SP
76611 Dual 3kW 400µs SPN
76612 Dual 3kW 400µs RCD
76619 Dual 5kW 200µs SP
76620 Dual 5kW 200µs SPN
76621 Dual 5kW 200µs RCD
76622 Dual 5kW 400µs SP
76623 Dual 5kW 400µs SPN
76624 Dual 5kW 400µs RCD
76631 Single 10kW 200µs SP
76632 Single 10kW 200µs SPN
76633 Single 10kW 200µs RCD
76634 Single 10kW 400µs SP
76635 Single 10kW 400µs SPN
76636 Single 10kW 400µs RCD

For LED/Test Switch Option on all reporting modules, add suffix-LED

Fluorescent Modules

76643 Single 3kW FL SP
76644 Single 3kW FL SPN
76645 Single 3kW FL RCD

Custom Modules

Please refer to Strand Lighting for design of Custom Modules including dual feed and emergency changeover modules

Contactor Modules

76646 Dual 3kW ND SP
76647 Dual 3kW ND SPN
76648 Dual 3kW ND RCD
76649 Dual 3kW ND SP Reporting
76650 Dual 3kW ND SPN Reporting
76651 Dual 3kW ND RCD Reporting
76652 Dual 5kW ND SP
76653 Dual 5kW ND SPN
76654 Dual 5kW ND RCD
76655 Dual 5kW ND SP Reporting
76656 Dual 5kW ND SPN Reporting
76657 Dual 5kW ND RCD Reporting

Constant Modules

76658 Dual 3kW SP
76659 Dual 3kW SPN
76660 Dual 3kW RCD
76661 Dual 3kW SP Reporting
76662 Dual 3kW SPN Reporting
76663 Dual 3kW RCD Reporting
76664 Dual 5kW SP
76665 Dual 5kW SPN
76666 Dual 5kW RCD
76667 Dual 5kW SP Reporting
76668 Dual 5kW SPN Reporting
76669 Dual 5kW RCD Reporting

Filler Modules

76588 Single Filler

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