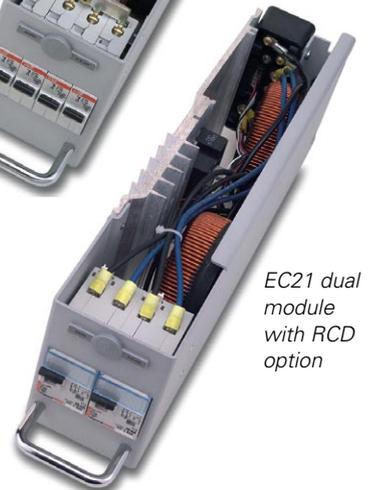


EC21™

Dimming for the 21st Century

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



SPECIFICATION SUBMITTAL

CONSULTANT <input type="text"/>	PROJECT NAME: <input type="text"/>	MODEL NUMBER QUANTITY: <input type="text"/> <input type="text"/>
DATE: <input type="text"/>	PROJECT NUMBER: <input type="text"/>	APPROVED BY: <input type="text"/>

Strand Dimming Systems

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, pro-

viding 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 marked.

Ordering Information

Cat No Description

TrueSine™ Sinewave Modules		Reporting Dimmers		Contactor Modules	
76637	Dual 3kW SP	76607	Dual 3kW 200µs SP	76646	Dual 3kW ND SP
76638	Dual 3kW SPN	76608	Dual 3kW 200µs SPN	76647	Dual 3kW ND SPN
76639	Dual 3kW RCD	76609	Dual 3kW 200µs RCD	76648	Dual 3kW ND RCD
76640	Dual 5kW SP	76610	Dual 3kW 435µs SP	76649	Dual 3kW ND SP Reporting
76641	Dual 5kW SPN	76611	Dual 3kW 435µs SPN	76650	Dual 3kW ND SPN Reporting
76642	Dual 5kW RCD	76612	Dual 3kW 435µs RCD	76651	Dual 3kW ND RCD Reporting
Thyristor Dimmer Modules		76619	Dual 5kW 200µs SP	76652	Dual 5kW ND SP
Standard Dimmers		76620	Dual 5kW 200µs SPN	76653	Dual 5kW ND SPN
76600	Quad 2.5kW 100µs SP	76621	Dual 5kW 200µs RCD	76654	Dual 5kW ND RCD
76601	Dual 3kW 200µs SP	76622	Dual 5kW 435µs SP	76655	Dual 5kW ND SP Reporting
76602	Dual 3kW 200µs SPN	76623	Dual 5kW 435µs SPN	76656	Dual 5kW ND SPN Reporting
76603	Dual 3kW 200µs RCD	76624	Dual 5kW 435µs RCD	76657	Dual 5kW ND RCD Reporting
76604	Dual 3kW 435µs SP	76631	Single 10kW 200µs SP	Constant Modules	
76605	Dual 3kW 435µs SPN	76632	Single 10kW 200µs SPN	76658	Dual 3kW SP
76606	Dual 3kW 435µs RCD	76633	Single 10kW 200µs RCD	76659	Dual 3kW SPN
76613	Dual 5kW 200µs SP	76634	Single 10kW 435µs SP	76660	Dual 3kW RCD
76614	Dual 5kW 200µs SPN	76635	Single 10kW 435µs SPN	76661	Dual 3kW SP Reporting
76615	Dual 5kW 200µs RCD	76636	Single 10kW 435µs RCD	76662	Dual 3kW SPN Reporting
76616	Dual 5kW 435µs SP	Fluorescent Modules		76663	Dual 3kW RCD Reporting
76617	Dual 5kW 435µs SPN	76643	Single 3kW FL SP	76664	Dual 5kW SP
76618	Dual 5kW 435µs RCD	76644	Single 3kW FL SPN	76665	Dual 5kW SPN
76625	Single 10kW 200µs SP	76645	Single 3kW FL RCD	76666	Dual 5kW RCD
76626	Single 10kW 200µs SPN			76667	Dual 5kW SP Reporting
76627	Single 10kW 200µs RCD			76668	Dual 5kW SPN Reporting
76628	Single 10kW 435µs SP			76669	Dual 5kW RCD Reporting
76629	Single 10kW 435µs SPN			Filler Modules	
76630	Single 10kW 435µs RCD			76588	Single Filler
				76697	Row Filler Module

Technical Specifications

Approvals All EC21 modules CE 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

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