



CONTROLLING THE FUTURE OF LIGHTING

A four circuit dimmer module rated at 750W per circuit for the control of resistive and inductive lighting loads with the facility to select dimming or switched only operation of any circuit. A custom designed housing provides reliable power handling in a compact format.

▶ **PRODUCT INFORMATION**

- ▶ 4 x 750W Dimmer Module (total 10A maximum)
- ▶ Compact 9M width DIN Rail Mounting Module
- ▶ Programmable circuit Cap and Cup levels
- ▶ Selectable dimming or switching operation
- ▶ Operates resistive and inductive loads including low voltage electronic transformers (leading edge compatible type only)
- ▶ Low Load Compatible
- ▶ M-BUS enabled
- ▶ Energy Saving Display
- ▶ Quiet operation
- ▶ Can be installed as part of a 17th Edition Compliant installation
- ▶ Complies with EC EMC and Low Voltage Directives
- ▶ CE compliant
- ▶ ISO9001 certified design and manufacturing facility

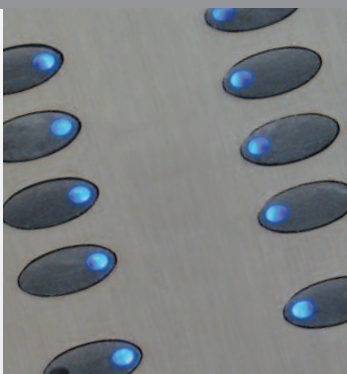


Modules may be used in a standalone mode with simplified functionality providing programmable scene setting or Impulse (ON/OFF/DIM) type control from a single keypad. Alternatively conventional momentary switches can be linked to a Contact Input Module (DIN-INT-00-08) to provide Impulse control of up to eight lighting circuits using eDIN Dimmer Modules.

An on-board menu system provides simple setup of circuit functions, maximum and minimum dimming levels, circuit test facility and power percentage monitoring. eDIN Dimmer modules may also be used in conjunction with a Network Processor Module to provide flexible, adaptable control for small to medium scale projects.

▶ **M-BUS CONNECTIVITY**

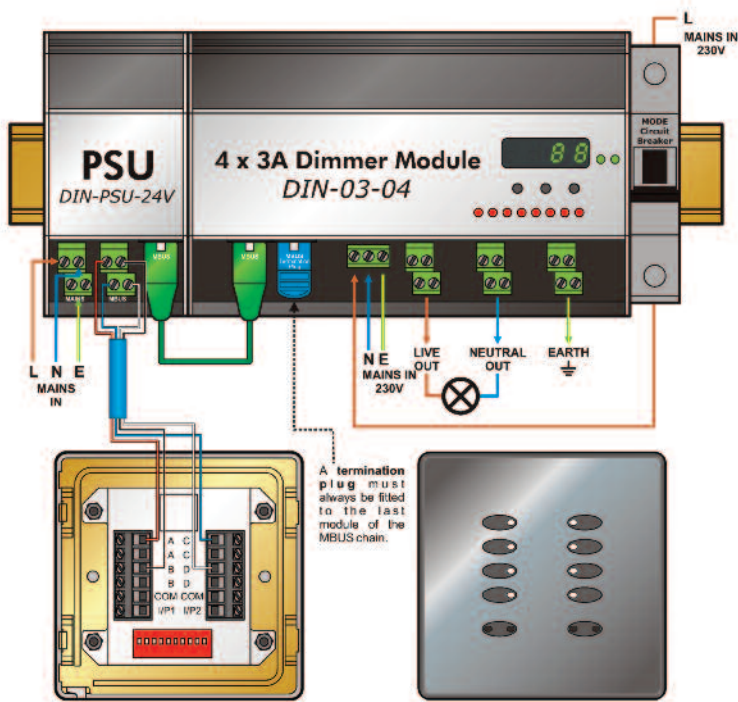
All eDIN Modules are M-BUS enabled therefore may be used with other Mode Lighting systems. Allowing the flexible and compact eDIN Modules to be combined with the highly configurable Evolution System making Mode Lighting products the perfect choice for any scale of project.



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## ▶ MODULE WIRING



**NOTE:** Switched or dimmed operation and Cap and Cup Ceve as programmable through on-board menu or by cues poised programming or processor based systems.

### Leading Edge Mains Dimmable or Switched Compatible load types:

- Incandescent / GU10 / Halogen
- Electronic Transformer/Converter (leading edge)
- Cold Cathode Converter
- Motor
- Iron core type loads
- LED
- Energy Saver Lamps

## ▶ INSTALLATION NOTES

eDIN Modules must be installed within a suitable surface mount enclosure with integral DIN rail. Installation must be carried out by a qualified electrician in accordance with the National Wiring Regulations and other applicable regulations. Compliance to EC EMC and Low Voltage Directives may be invalidated if not used or installed according to the published specification.

eDIN Modules must be earthed.

Modules contain no user servicable parts and should not be opened.

Please see the eDIN installation manual for further details and examples of standalone operation or visit [www.edincontrols.com](http://www.edincontrols.com)

MODEL	4 x 3A Dimmer Module
Part code	DIN-03-04
DIN Module Size	9M
Dimensions	156mm Wide x 100mm High x 64mm Deep
Weight	0.95kg
Power Input	230 Volt +/- 10% 50/60Hz, single phase
Input Connections	Rising-cage screw terminals. Max. wire size 2.5mm <sup>2</sup>
Control Input	Mode M-BUS
M-BUS Connection	2 x RJ-45 (in and out)
M-BUS Current Consumption	50 mA
Outputs	4 dimmed live outputs. 4 neutral connections, 4 earth connections. Rising-cage screw terminals Max. wire size 1.5mm <sup>2</sup>
Output Control Type	Leading edge dimming
Channel loading	3A (approx. 750W) per channel resistive or inductive load
Module Loading @ 230V	10A maximum
Ambient Temperature	0 - 40°C
Standards (EC EMC and Low Voltage Directives)	EN55015, EN61547, EN61000-3-2, EN61000-3-3 and EN60669-2-1

## ▶ COMPANY BACKGROUND

Mode Lighting work closely with Lighting Designers, M & E Consultants, Architects, Quantity Surveyors, Developers, Electrical Contractors and specialist AV installers to ensure the right solution is provided for every individual project. Products designed and manufactured by Mode Lighting include control systems, electronic transformers and LED assemblies. Nearly 40 years of experience in these areas has lead to the creation of a worldwide network of satellite offices, distributors and dealers to provide local sales and technical support to clients on Mode products.

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