

# 4 Channel - TE Dimmer Module



A four circuit Trailing Edge dimmer module rated at 460W per circuit for the control of resistive and capacitive 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.

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-PLUS) to provide Impulse control of up to eight lighting circuits using eDIN+ Dimmer Modules.

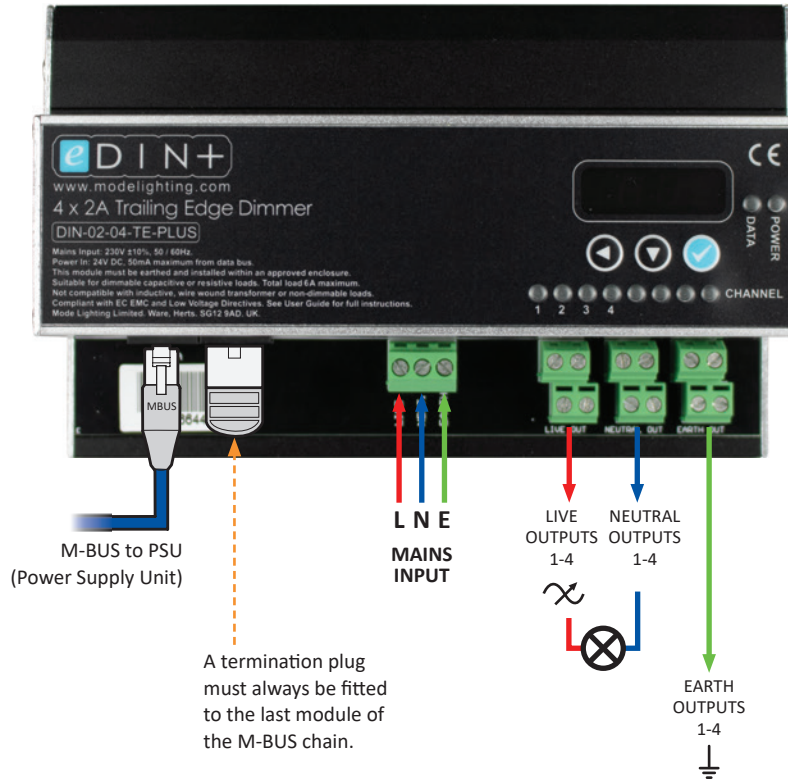
An on-board menu system provides simple setup of circuit functions, maximum and minimum dimming levels, circuit test facility and power percentage monitoring. eDIN+ Dimmer Modules may also be used in conjunction with a Network Processor Module to provide flexible, adaptable control for small to medium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

## Key Features

- » 4 x 460W Dimmer Module (total 6A maximum).
- » Compact 9M width DIN Rail Mounting Module.
- » Programmable circuit Cap and Cup levels.
- » Selectable dimming or switching operation.
- » Operates new retrofit loads including LED lamps and electronic drivers (Trailing Edge dimmable).
- » Low Load Compatible.
- » M-BUS enabled.
- » Energy Saving Display.
- » Silent operation.
- » ISO9001 certified design and manufacturing facility.
- » 2 year warranty.



System Architecture



Technical Data

Power	
Mains Supply	» 230V AC +/- 10% @ 50/60Hz, single phase
Output Type	» Mains dimmed, Trailing Edge
Channel Load	» 2A (460W) maximum per channel, resistive load
Module Load	» 6A maximum
Connections & Cable Specifications	
Control Input	» M-BUS
M-BUS Current Consumption	» 50mA
Output Control Type	» 4 dimmed live outputs » 4 neutral connections » 4 earth connections » Rising cage screw terminals (max. wire size 1.5mm <sup>2</sup> )
Mechanical	
Material	» Extruded aluminium case
Dimensions	» 100mm High x 156mm Wide x 64mm Deep
Standards	» EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN60669-2-1
Weight	» 0.95kgs
Module Size for DIN Enclosure	» 9 Module (9M)

**Note**  
For additional technical information refer to Installation Guide DIN-02-04-TE-PLUS.

Installation should be in accordance with the relevant 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. DIN-02-04-TE-PLUS should be located in well ventilated areas and should not be covered or enclosed by insulating materials. Mode reserve the right to amend the product specification or design at any time and without notice.



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