



CONTROLLING THE FUTURE OF LIGHTING

Low voltage power supply for use with all eDIN modules for the connection and activation of the M-BUS network.

▶ PRODUCT INFORMATION

- ▶ 1A Power Supply for M-BUS Network
- ▶ Compact 3M width DIN Rail Mounting Module
- ▶ M-BUS enabled
- ▶ Complies with EC EMC and Low Voltage Directives
- ▶ CE compliant
- ▶ ISO9001 certified design and manufacturing facility

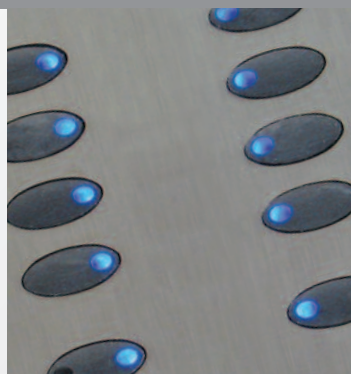


Every eDIN system requires a Power Supply Module. The DIN-PSU-24V outputs up to 1A at 24V to power the M-BUS network and modules. Additional Power Supplies can be added if the required network loading exceeds the 1A limit.

The Power Supply connects to other eDIN modules using plug in RJ45 connector leads. A four way terminal block is included for connection of the M-BUS to remote devices which are connected using a 0.5mm² Power & Data cable (EVO-CAB-00-04 or equivalent).

▶ M-BUS CONNECTIVITY

The eDIN Control System from Mode Lighting allows individual modules to be selected to create the desired lighting system. From simple standalone systems for individual rooms to a fully connected and integrated multi-room system, eDIN modules can adapt to suit the project requirements..



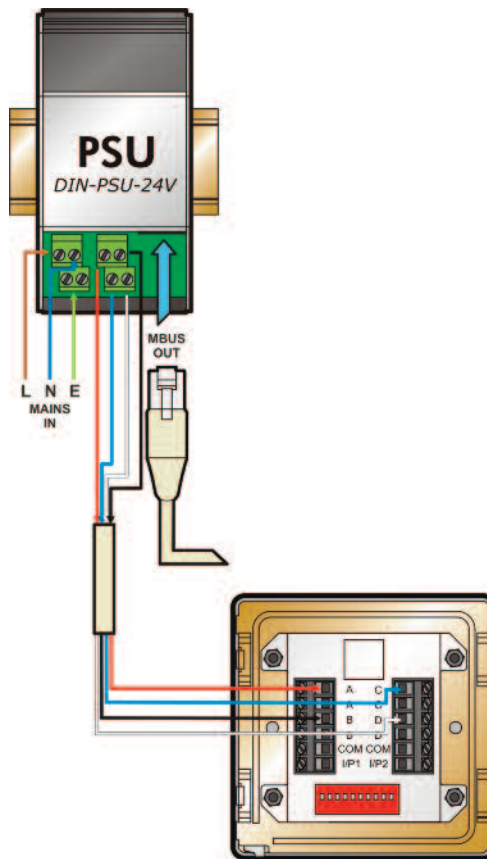
MODE LIGHTING

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▶ MODULE WIRING



▶ 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

| MODEL | Power Supply Unit |
|---|--|
| Part code | DIN-PSU-24V |
| DIN Module Size | 3M |
| Dimensions | 56mm Wide x 100mm High x 64mm Deep |
| Weight | 0.34kg |
| Power Input | 230 Volt \pm 10% 50/60Hz, single phase |
| Input Connections | Rising-cage screw terminals. Maximum wire size 1.5mm ² |
| Control Input | Mode M-BUS |
| M-BUS Connection | 1 x RJ-45, 1 x 4-way rising-cage screw terminals. Maximum wire size 1.5mm ² |
| M-BUS Output Current | 1A maximum |
| Outputs | Each eDIN System requires at least one DIN-PSU-24V. If the M-BUS current requirements exceed 1000mA additional DIN-PSU-24V Modules should be used. |
| Module Loading @ 230V | 0.35A maximum |
| Ambient Temperature | 0 - 40°C |
| Standards (EC EMC and Low Voltage Directives) | EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN60669-2-1 & EN60950-1 |

▶ 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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