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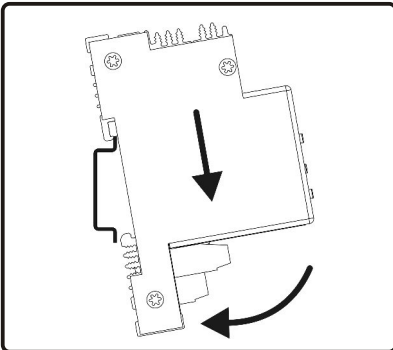
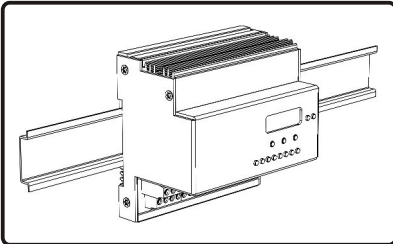
- 4 x 5A Relay Module
- 300mm Data-Bus Link Cable

INSTALLATION GUIDE:

4 x 5A Relay Module DIN-RP-05-04

The 4 x 5A Relay module is a 6M sized, four channel relay unit suitable for inductive or resistive loads of up to 20A total.

SPECIFICATION & MOUNTING

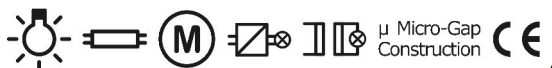


Modules must be installed within a suitable surface mount enclosure with integral DIN rail. Installation must be carried out by a qualified electrician in accordance with National Wiring Regulations and other applicable regulations. Compliance to EC EMC and Low Voltage Directives may be invalidated if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

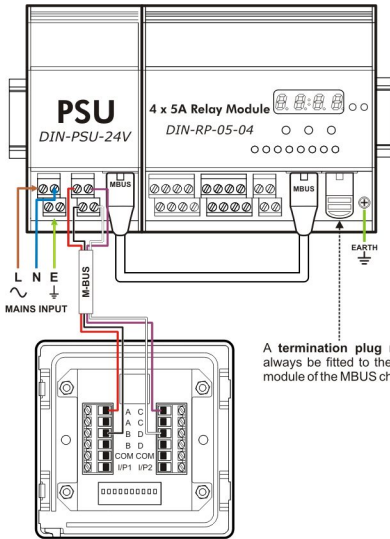
eDIN modules are designed to attach to a standard 35mm wide DIN rail (*EN 50022, BS 5584*). To install, simply hook the module from the top, push down and click into place (see diagram).

All eDIN modules must be earthed. Modules contain no user serviceable parts and should not be opened.

Module Size:	6M, L 106mm x W 100mm x H 64mm
Power Input:	24V, 80 mA max. from data bus
Max. Wire Size:	1.5mm ²
Control Input:	Mode M-BUS
M-BUS Connection:	2 x RJ-45 (in and out)
ta Max:	40°C
tc Max:	60°C
Contacts:	At 250V max. 5A resistive or 2A inductive.
Standards:	(CE EMC & LVD) EN55015, EN61547, EN61000-3-2, EN61000-3-3 & EN60669-2-1



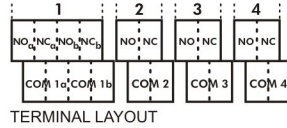
WIRING



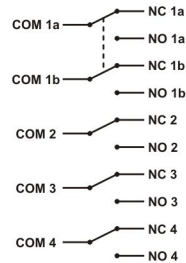
A termination plug must always be fitted to the last module of the MBUS chain.

IMPORTANT:

- Correctly certified cables must be used for all mains voltage and extra low voltage MBUS connections in accordance with National Wiring Regulations and other applicable regulations.
- Mains input to power supply and relays must be protected by a suitably rated MCB.



TERMINAL LAYOUT



- In order to test an eDIN system once it has been wired together, follow the shaded instructions on the back page.

STANDALONE MODE PROGRAMMING

This is a set of instructions for programming scenes using a 10-button single gang Evolution switch plate.

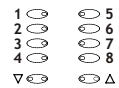
Note: The address of the plate must be set to the same address as the dimmer module.

To begin programming scenes:

Hold down the scene button (1-8) for **5** secs for the scene that you wish to edit.

The LED for the selected scene will now flash **blue** (channels that are included in the scene are illuminated **green** and excluded channels are illuminated **red**).

The following two functions (A & B) can now be programmed in either order. These are **optional** features and if the settings are not edited then default functions are used. Please also note that a relay module can be programmed in this way **at the same time** as a dimmer module is being programmed.



10 Button Switch Plate



A. Set Channels ON / OFF

To set a channel on or off, press and hold the desired channel button (1-8) and use the **Δ** and **∇** buttons to set ON and OFF.

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B. Include / Exclude Channels

To **include** / **exclude** a channel, hold the required channel button (1-8) and then press **Δ** to **include** the channel or **∇** to **exclude** the channel.

Channels that are included in the scene will be illuminated green and channels that are excluded will be lit red. Channels which are excluded from a scene will not change brightness when the scene is selected.

3

To **exit** programming mode, hold down the flashing blue scene button for five seconds. Alternatively, to begin editing another scene, hold down the button for the new scene for five seconds and begin editing options A, B, C & D as above (return to stage two).

Other Plate Functions

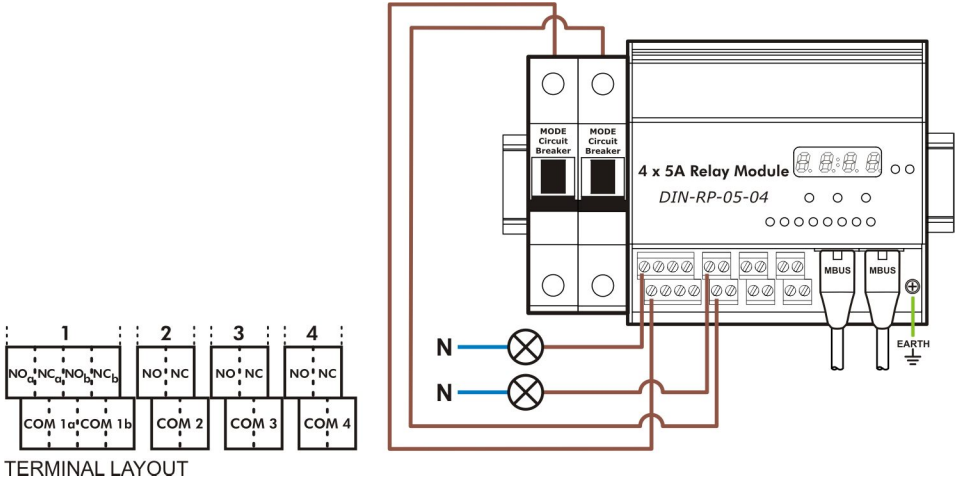
Master Plate - Setting a plate's address to 511 sets it as a 'master' which will control all modules on any address.

On / Off Switch - There are two sets of contact input terminals on the rear of the plate. A contact closure on Input 1 has the same effect as pressing the **∇** button. A contact closure on Input 2 has the same effect as pressing the **Δ** button. These inputs could also be used on a plate set to address 511 to facilitate an 'all on' and an 'all off' function.

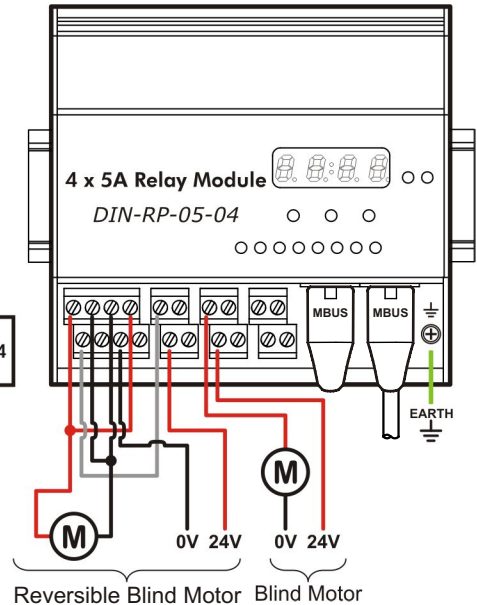
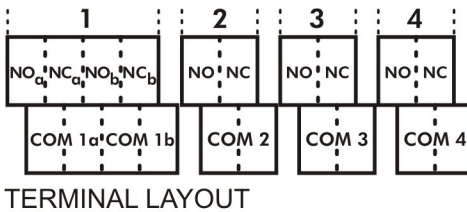
SWITCHED LOAD EXAMPLE WIRING

with circuit protection

IMPORTANT: Mains input to relays must be protected by suitably rated MCBs.



MOTOR EXAMPLE WIRING



SETUP USING ONBOARD MENU

The on-board menu on all the eDIN modules is used to setup a device for use in **standalone** mode. Channel settings can be adjusted using this menu or by using a switch plate (as per earlier instructions). Alternatively, adding an eDIN Network Processor Unit to your setup will allow you to configure your system using eDIN software, operated using a web browser via an ethernet connection.

