



TIS LEADING EDGE DIMMER

4 Channels 3 Amps

Data Sheet Rev 3.2

Model: DIM-4CH-3A



OVERVIEW

These dimmers are DIN-rail mountable modules function with TRIAC technology and can be utilized to dim (control brightness of) incandescent and halogen lights. Even more, this solution’s capabilities are not limited to lights. Ceiling fans are also controllable with LE Dimmers. And thanks to high fuse protection, your electrical appliances stay intact in the case of any current overload/shortage.

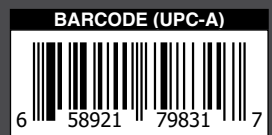
Also, the LE Dimmer’s functionality is not limited to the number of lights; since this solution works in the TIS-BUS system, it can be linked to another module to dim as many lights as you want simultaneously.

KEY BENEFITS

- + 4 Dimmable channels
- + 4 Buttons for Manual ON/OFF
- + DIY Programming
- + Works with TIS-BUS Protocol

KEY FEATURES

- ★ Standard 35 mm Din-Rail Mounted
- ★ Load voltage 110/230 V AC 50/60 Hz
- ★ 3A Current per channel
- ★ Over current, over heat, over load protection
















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PRODUCT SPECIFICATIONS

| | | |
|---|-----------------------------|--|
|  I/O Load Voltage | Number of channels | 4 |
| | Nominal voltage | 110/230 V AC 50/60 Hz |
| | Nominal current per channel | 3 A |
| | Maximum total channel load | 10 A |
|  TIS Bus | Number of devices on 1 line | Max. 64 |
| | Bus voltage | 12-32 V DC |
| | Current consumption | <30 mA / 24 V DC |
| | Protection | Reverse polarity protection |
|  Protection | Over current | 4x internal Fuse aR class 6A |
| | Over heat | Internal temp sensor protection |
| | Over load | Dimmer coil max load up to 6A |
| | Heat sink | Aluminum alloy with straight fin |
|  Reaction time | | approx. 20ms |
|  Operating and display elements | Programming button/LED | For assignment of the physical address |
| | 1-4 buttons | Manual ON/OFF and programming |
| | By TIS-BUS | TIS protocol messages and commands |
| | Programming Upgrading | Manual basic programming, or via software. 1 X mini USB for up-to-date upgrading. |
|  Mounting | Din-Rail | Standard 35 mm Din-Rail |
| | Wall mount | screw holder on the back of the module |
|  Connection terminal | Load and Power | Screw terminal 0,25...4mm2 |
| | Data / bus | Male female connectors Link + screw Terminal |
|  Functions | Lighting Control Dimming | 4 channels controlled separately |
| | Scenes | 8 different scenarios |
| | Sequences | 6 different sequences |
|  Weight | Without packaging | 0.5 KG |
|  Dimensions | Width x Length x Height | 145mm x 75mm x 91mm |
| | Materials | ABS fire proof |
|  Housing | Casing color | Black Gray |
| | Button color | Silver |
| | IP rating | IP 20 |
| | | |
|  Temperature range | Operation | -10...45°C |
| | Storage | -20...50°C |
| | Transport | -25...75°C |
|  Air humidity | | <85% non-condensing |



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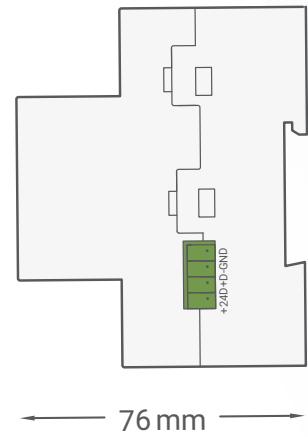
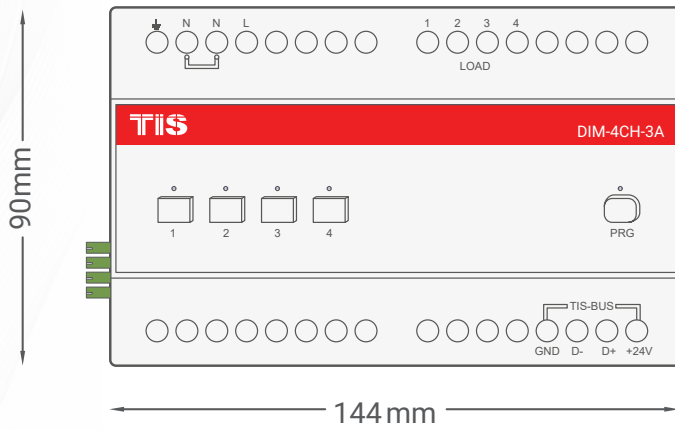
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