



TIS Leading Edge Dimmer

4 Channels 3 Amps

Model : DIM-4CH-3A

Products Datasheets V3.1



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

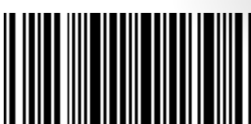
- 4 Dimmable channels
- 4 Buttons for Manual ON/OFF
- DIY Programming
- Works with TIS-BUS Protocol

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



BARCODE (UPC)



13040189





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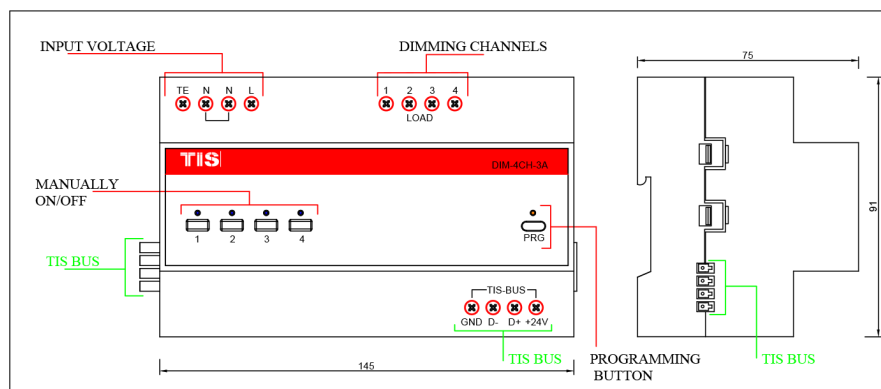
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PRODUCT CHARACTERISTICS

I/O Load Voltage	Number of channels Nominal voltage Nominal current per channel Maximum total channels load	4 110/230 V AC 50/60 Hz 3 A 10 A
TIS Bus	Number of devices on 1 line Bus voltage Current consumption Protection	Max. 64 12-32 V DC <30 mA / 24 V DC Reverse Polarity Protection
Mounting	Din Rail Wall mount	Standard 35 mm Din rail screw holder on the back of the module
Connection terminal	Load and Power Data / bus	Screw terminal 0,25...4mm ² Male female connectors link + screw terminal
Operating and display elements	Programming button/LED 1-4 buttons By TIS-BUS Programming Upgrading	For assignment of the physical address Manual ON/OFF and Programming TIS Protocol messages and commands Manual basic Prog, or via software. 1 X mini USB for up-to-date upgrading.
Functions	Lighting control ON/OFF Dimming Scenes Sequences	4 channel controlled separately 4 different scenarios 4 different sequences
Protection	Over current Over heat Over load Heat sink	4* internal Fuse aR class 6A Internal temp sensor protection Dimmer coil max load up to 6A Aluminum alloy with straight fin
Reaction time		approx. 20ms
Weight	Without packaging	0.5 KG
Dimensions	Width x length x height	91mm x 145mm x 75mm
Housing	Materials Casing color Button color IP rating	ABS anti fire Black Gray Silver IP 20
Temperature range	Operation Storage Transport	-10...45°C -20...50°C -25...75°C
Air humidity		<85% non-condensing



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