



# TIS LEADING EDGE DIMMER

## 6 Channels 2 Amps

Data Sheet Rev 3.2

Model: DIM-6CH-2A



## 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

- + 6 Dimmable channels
- + 6 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
- ★ 2A Current per channel
- ★ Over current, over heat, over load protection



BARCODE (UPC-A)
















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### PRODUCT SPECIFICATIONS

 <b>I/O Load Voltage</b>	Number of channels	6
	Nominal voltage	110/230 V AC 50/60 Hz
	Nominal current per channel	2 A
	Maximum total channel load	10 A
 <b>TIS Bus</b>	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
 <b>Protection</b>	Over current	6x internal Fuse aR class 4A
	Over heat	Internal temp sensor protection
	Over load	Dimmer coil max load up to 4A
	Heat sink	Aluminum alloy with straight fin
 <b>Reaction time</b>		approx. 20ms
 <b>Operating and display elements</b>	Programming button/LED	For assignment of the physical address
	1-6 buttons	Manual ON/OFF and programming
	By TIS-BUS	TIS protocol messages and commands
	Programming	Manual basic Prog, or via software.
 <b>Mounting</b>	Din-Rail	Standard 35 mm Din-Rail
	Wall mount	screw holder on the back of the module
 <b>Connection terminal</b>	Load and Power	Screw terminal 0,25...4mm <sup>2</sup>
	Data / bus	Male female connectors Link + screw Terminal
 <b>Functions</b>	Lighting Control Dimming	6 channels controlled separately
	Scenes	12 different scenarios
	Sequences	6 different sequences
 <b>Weight</b>	Without packaging	0.6 KG
 <b>Dimensions</b>	Width x Length x Height	145mm x 75mm x 91mm
	Materials	ABS fire proof
 <b>Housing</b>	Casing color	Black Gray
	Button color	Silver
	IP rating	IP 20
 <b>Temperature range</b>	Operation	-10...45°C
	Storage	-20...50°C
	Transport	-25...75°C
 <b>Air humidity</b>		<85% non-condensing



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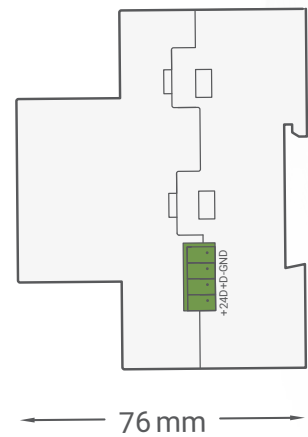
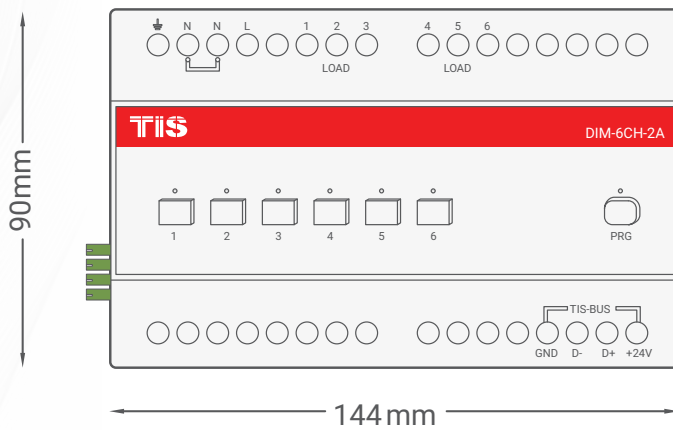
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