

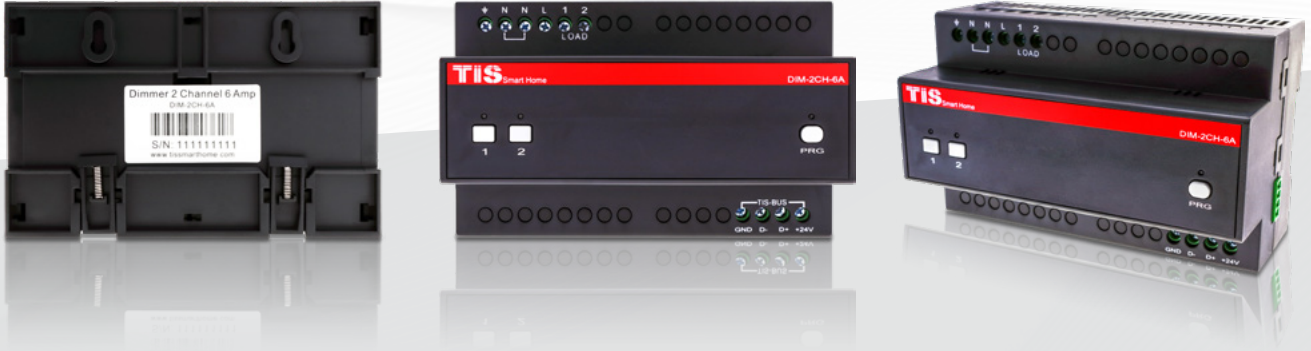


TIS LEADING EDGE DIMMER

2 Channels 6 Amps

Data Sheet Rev 3.2

Model: DIM-2CH-6A



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.

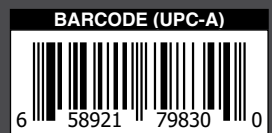
Also, the LE Dimmer’s functionality is not limited to the number of lights; since this solution works in the TIS-BUS system, it can be linked to another module to dim as many lights as you want simultaneously.

KEY BENEFITS

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















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PRODUCT SPECIFICATIONS

	I/O Load Voltage	Number of channels	2	
		Nominal voltage	110/230 V AC 50/60 Hz	
		Nominal current per channel	6 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	2x internal Fuse aR class 8A	
		Over heat	Internal temp sensor protection	
		Over load	Dimmer coil max load up to 10A	
		Heat sink	Aluminum alloy with straight fin	
	Reaction time		approx. 20ms	
	Operating and display elements	Programming button/LED	For assignment of the physical address	
		1-2 buttons	Manual ON/OFF and programming	
		By TIS-BUS	TIS protocol messages and commands	
		Programming	Manual basic Prog, or via software.	
	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...4mm ²
			Data / bus	Male female connectors Link + screw Terminal
	Functions	Lighting Control Dimming	2 channels controlled separately	
		Scenes	4 different scenarios	
		Sequences	6 different sequences	
	Weight	Without packaging	0.5 KG	
	Dimensions	Width x Length x Height	145mm x 75mm x 91mm	
	Housing	Materials	ABS fire proof	
		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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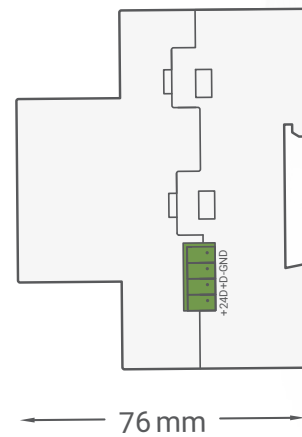
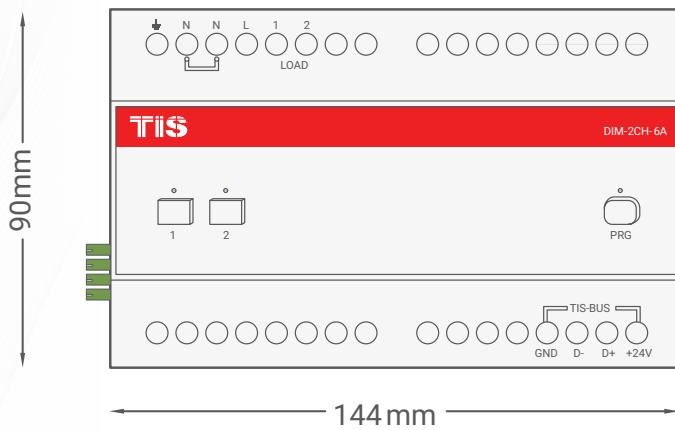
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