

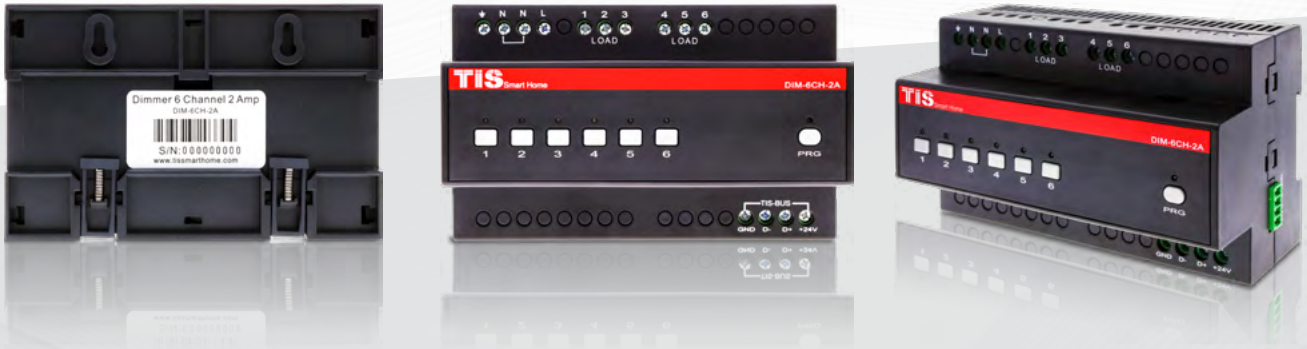


TIS LEADING EDGE DIMMER

Dimmer controller with six channels

Data Sheet Rev 3.2

Model: DIM-6CH-2A



OVERVIEW

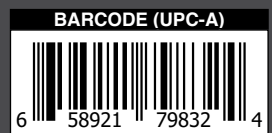
The LE controller operates over TRIAC technology to intelligently adjust the brightness level of incandescent and halogen lights. If programmed, it can be utilized for integrating ceiling fans into home automation system.

KEY BENEFITS

- + Integratable with other TIS solutions
- + Automatic plus manual ON/OFF controls
- + Simple programming & setting
- + Minimizes energy wastage

KEY FEATURES

- ★ Compatible with resistive & inductive loads
- ★ Programmable for scenes & presets
- ★ Controllable via TIS App
- ★ Practical for home & office rooms
















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PRODUCT SPECIFICATIONS

 I/O Load Voltage	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
 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	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
 Reaction time		approx. 20ms
 Operation	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 & 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	6 separately controllable channels
	Scenes	12 different scenarios
	Sequences	6 different sequences
 Weight	Without packaging	600g
 Dimensions	Width × Length × Height	144mm × 76mm × 90mm
 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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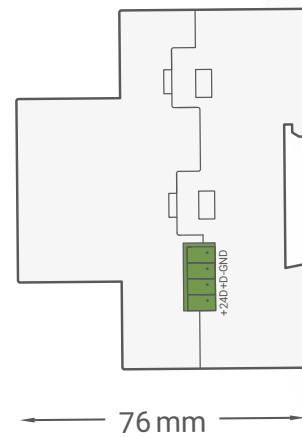
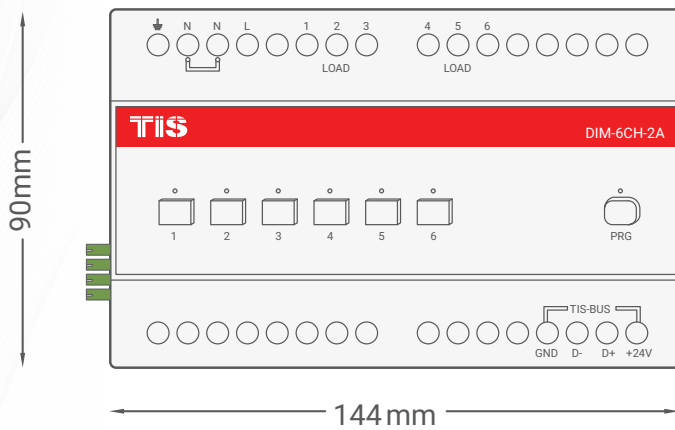
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