



TIS LEADING EDGE DIMMER

Dimmer controller with four channels

Data Sheet Rev 3.2

Model: DIM-4CH-3A



OVERVIEW

The LE controller operates over TRIAC technology to intelligently adjust the brightness level of incandescent and hallogen 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



BARCODE (UPC-A)















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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	
	Operation	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	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	4 separately controllable channels	
		Scenes	8 different scenarios	
		Sequences	6 different sequences	
	Weight	Without packaging	500g	
	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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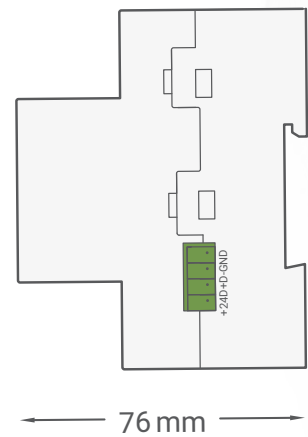
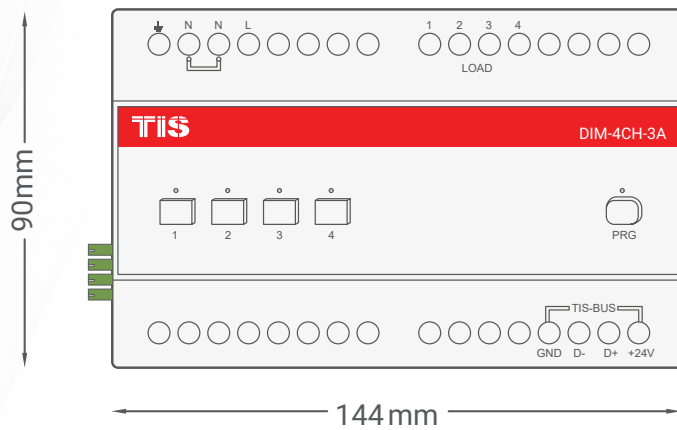
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