



# TIS TRAILING EDGE DIMMER

2 Channels 3 Amps

Data Sheet Rev 3.2

Model: DIM-TE-2CH-3A



## OVERVIEW

These dimmers are DIN-rail mountable modules function with MOSFET technology and can be utilized to dim (control brightness of) most types of lights such as LED, CFL, and other energy-efficient lamps.

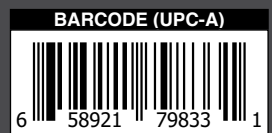
Say goodbye to flickering lights; TE Dimmers dim lights neatly and seamlessly. When installed, you can connect them to the TIS-BUS system and enjoy its automatic and harmonious performance with other smart solutions.

## KEY BENEFITS

- + 2 Universal MOSFET dimmable channels
- + 2 Buttons for Manual dimming
- + 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
















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#### PRODUCT SPECIFICATIONS

	<b>I/O Load Voltage</b>	Number of channels	2
		Nominal voltage	110/230 V AC 50/60 Hz
		Nominal current per channel	3 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	High advanced protection technology
		Over heat	Internal temp sensor protection
		Over load	Dimmer coil max load up to 10A
		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
		1-2 buttons	Manual dimming and programming
		By TIS-BUS	TIS protocol messages and commands
		Programming	Manual basic programming, 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	2 channels controlled separately
		Scenes	2 different scenarios
		Sequences	2 different sequences
	<b>Weight</b>	Without packaging	0.5 KG
	<b>Dimensions</b>	Width x Length x Height	145mm x 75mm x 91mm
	<b>Housing</b>	Materials	ABS fire proof
		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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TEXAS INTELLIGENT SYSTEM LLC

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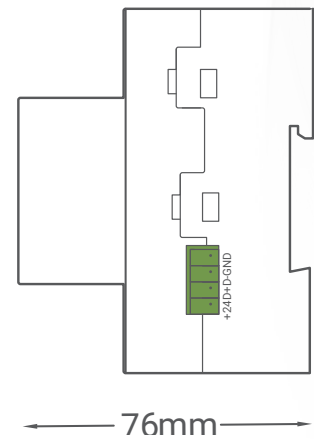
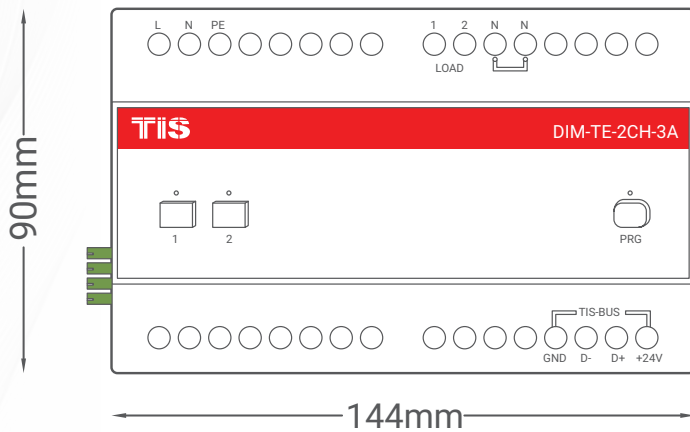
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