



# TIS TRAILING EDGE DIMMER

4 Channels 1.5 Amps

Data Sheet Rev 3.2

Model: DIM-TE-4CH-1.5A



## OVERVIEW

These dimmers are DIN-rail mount modules that 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

- + 4 Universal MOSFET dimmable channels
- + 4 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
- ★ 1.5A Current per channel
- ★ Over current, over heat, over load protection



BARCODE (UPC-A)



6 58921 79819 5



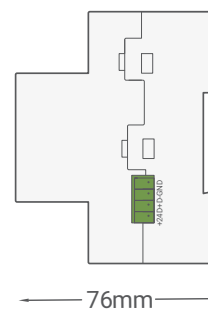
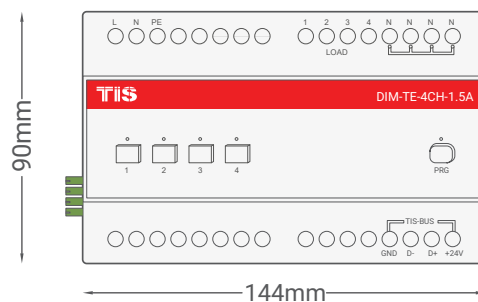
# TIS TRAILING EDGE DIMMER

4 Channels 1.5 Amps

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PRODUCT SPECIFICATIONS			
⚡	<b>I/O Load Voltage</b>	Number of channels	4
		Nominal voltage	110/230 V AC 50/60 Hz
		Nominal current per channel	1.5 A
TISBUS	<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>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>Operating and display elements</b>	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 basic programming, or via software.
⚙️	<b>Functions</b>	Upgrading	1 X mini USB for up-to-date upgrading.
		Lighting control dimming	4 channels controlled separately
		Scenes	4 different scenarios
⚙️	<b>Functions</b>	Sequences	4 different sequences
⚖️	<b>Weight</b>	Without Packaging	0.5 KG
📏	<b>Dimensions</b>	Width x Length x Height	91mm x 145mm x 75mm
🏠	<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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