

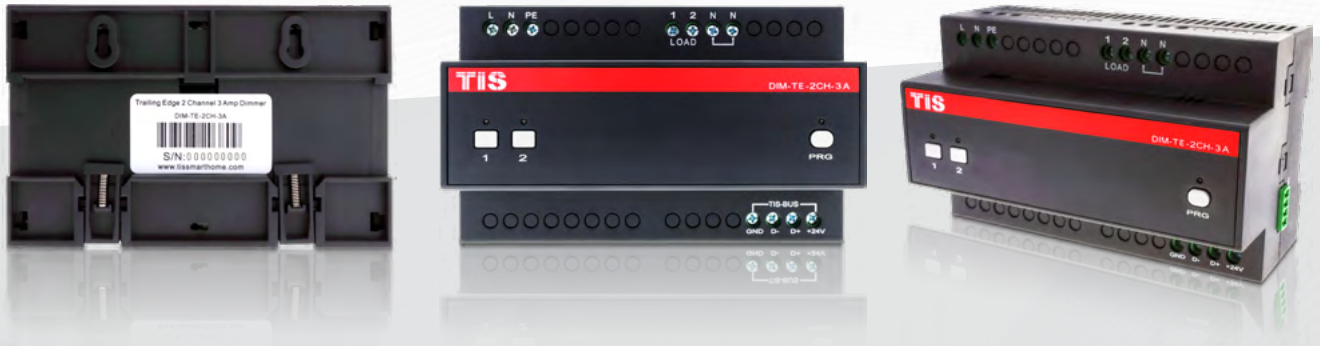


# TIS TRAILING EDGE DIMMER

Dimmer Module with Two Channels

Data Sheet Rev 3.2

Model: DIM-TE-2CH-3A



## OVERVIEW

TE dimmers function with MOSFET technology to adjust the brightness of LED, CFL, and other energy-efficient lights. This product operates on TIS BUS protocol and is capable of limitless light control in both residential & industrial projects.

## KEY BENEFITS

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

## KEY FEATURES

- ★ Smooth dimming control with silent operation
- ★ Programmable for scenes & presets
- ★ Controllable via TIS App
- ★ Practical for home & office rooms



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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
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>Operation</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 & 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 separately controllable channels
		Scenes	2 different scenarios
		Sequences	2 different sequences
📏	<b>Weight</b>	Without packaging	500g
📏	<b>Dimensions</b>	Width × Length × Height	144mm × 90mm × 76mm
🏠	<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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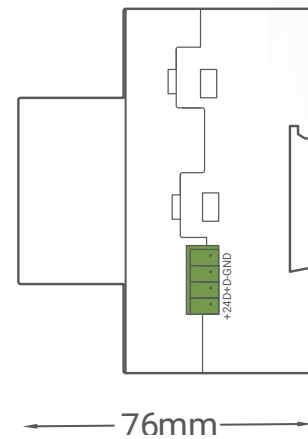
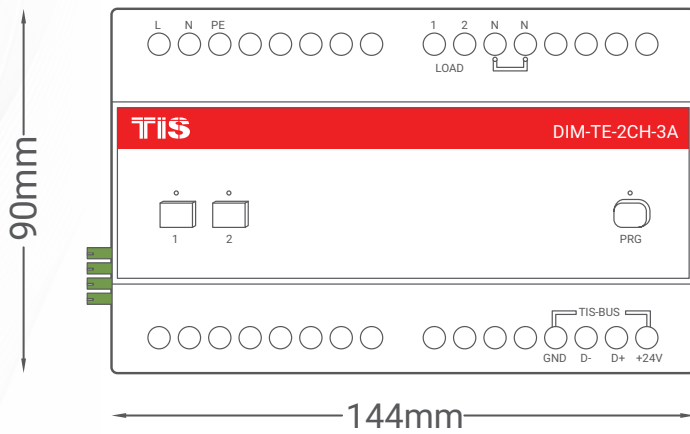
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