



# TIS TRAILING EDGE DIMMER

## Dimmer Module with 12 Channels

Data Sheet Rev 3.2

Model: DIM-W12CH10A-TE



## OVERVIEW

This TE dimmer functions with MOSFET technology to adjust the brightness of LED, CFL, and other energy-efficient lights in large spaces. This product operates on TIS BUS protocol and offers limitless and trendy lighting options.

### KEY BENEFITS

- + Integratable with other TIS solutions
- + Smoother electricity flow across various lighting sources
- + Simple programming & setting
- + Minimizes energy wastage

### KEY FEATURES

- ★ Fast in dimming large group of lights
- ★ Programmable for scenes & presets
- ★ Controllable via TIS App
- ★ Ideal for modern interiors

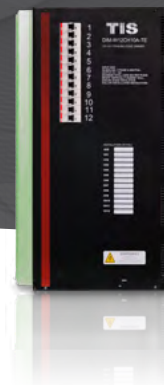


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











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## PRODUCT SPECIFICATIONS

	<b>Input</b>	3 Phase Input	230V AC 50/60 HZ 3 phase
	<b>Output</b>	Number of Channels Nominal Voltage Nominal Current Per Channel Maximum Total Channels Load	12 trailing edge phase control 230 V AC 50/60 Hz 8 A 10 A
	<b>TIS Bus</b>	Number of Devices on 1 Line Bus Voltage Current Consumption Protection	Max. 64 12-32 V DC <35 mA / 24 V DC Reverse polarity protection
	<b>Protection</b>	Over Current Over Load Heat Sink Magnetic Circuit Breaker	12 Relay to shift to Installation/system mode. Internal inductive over load detection Aluminum alloy with straight fin 12 x 10A 6KA single pole thermal MCB
	<b>Reaction time</b>		approx. 20ms
	<b>Mounting</b>	Wall Mount	screw holder on the back of the module
	<b>Connection terminal</b>	3 Phase Input Load Neutral / Earth Data / Bus	3 x 16 mm <sup>2</sup> supply terminal Screw Terminal 0,25...6mm <sup>2</sup> 12 x 6 mm <sup>2</sup> Screw terminal Male / female connectors Link + RJ45 socket
	<b>Operation</b>	Programming Button / LED Installation Mode System Mode Programming	For Address detection, and for overload protection resetting ... Manually ON/OFF by MCB By TIS bus commands Manual & via software
	<b>Functions</b>	Lighting Control ON/OFF/Dimming Scenes Sequences	12 separately controllable channels 12 different scenarios 12 different sequences
	<b>Weight</b>	Without Packaging	12.3KG
	<b>Dimensions</b>	Width x Length x Height	300mm x 600mm x 172mm
	<b>Housing</b>	Materials Casing Color IP Rating	Aluminum Black IP 20
	<b>Temperature range</b>	Operation Storage Transport	-10...45°C -20...50°C -25...75°C
	<b>Air humidity</b>		<85% non-condensing



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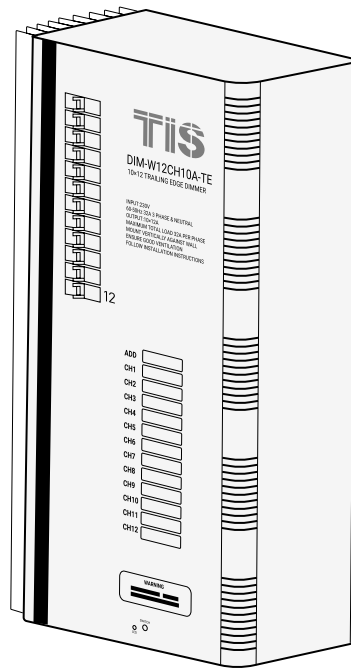
www.tiscontrol.com

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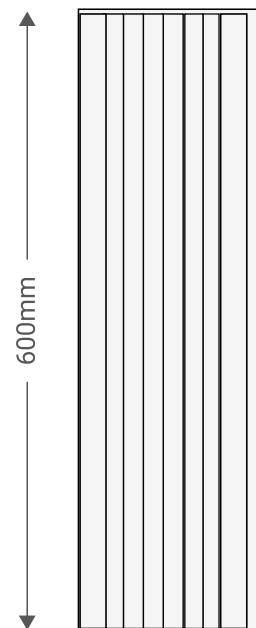
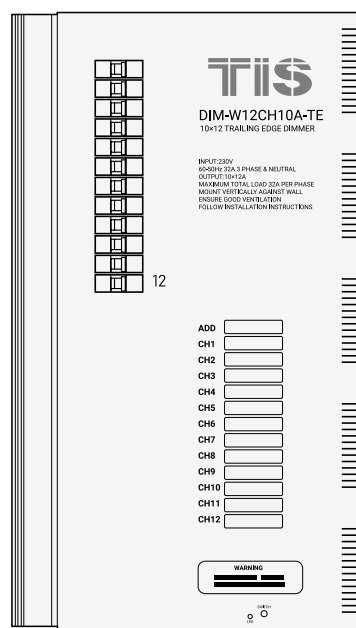
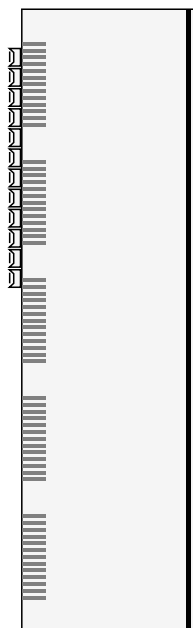
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300mm

172mm



600mm

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