

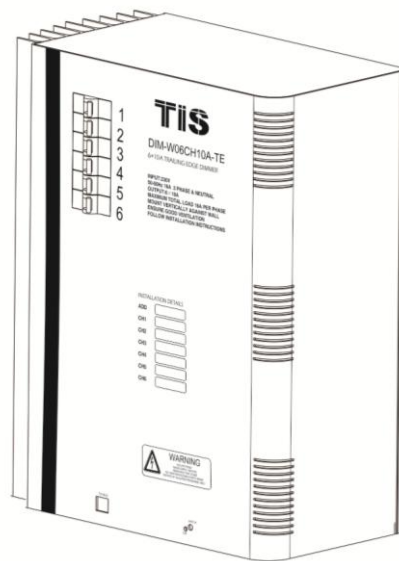


## TIS Trailing Edge Dimmer

### 6 Channels 10 Amps

Model: DIM-W06CH10A-TE

Data Sheet Rev 1.1



### Safety instructions

Electrical equipment may only be installed and fitted by electrically skilled persons. Failure to observe the instructions may cause damage to the device and other hazards. These instructions are an integral part of the product, and must remain with the end customer.

### Basic information

This device is a product of the TIS system. It is a wall mountable device with 6 independent Trailing edge dimmer channels which can be controlled separately with TIS protocol messages, technical knowledge obtained in TIS training courses is a prerequisite to proper understanding how to install device. Basic Manual Programming can be done without the software. Advanced Programming knowledge about software obtained in the advanced training courses.

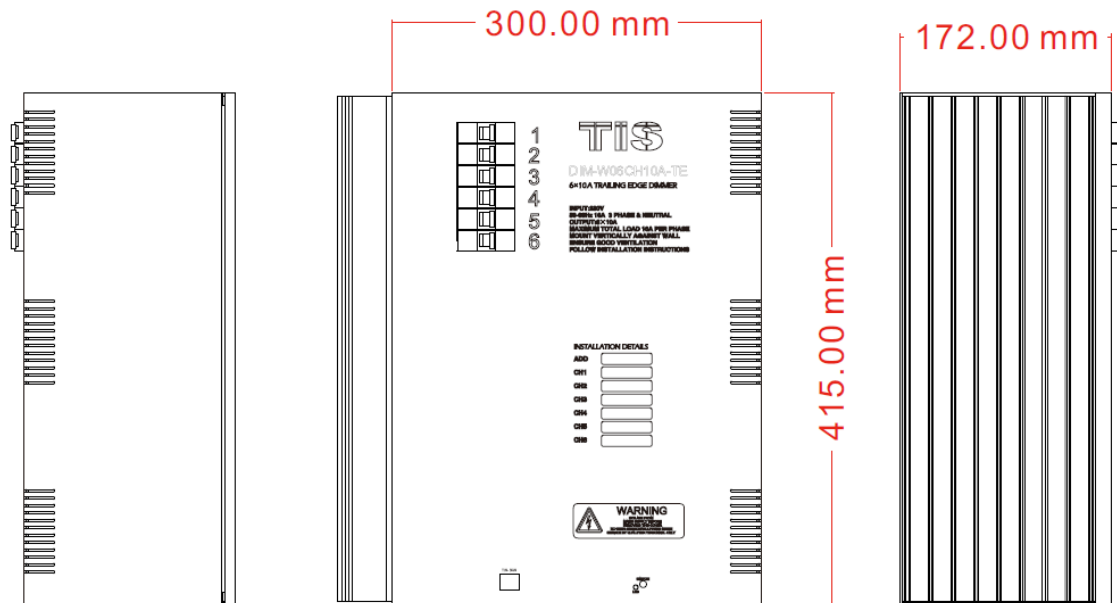
### Intended use

Control lighting, e.g. light on/off, dimming, brightness values, scene, and sequence. It can be used for all dimmable lamps, LEDs and TE compatible dimming transformers.

## Product characteristics

<b>Inputs</b>	<b>3 phase input</b>	<b>230V AC 50/60 HZ 3 phase</b>
<b>Outputs</b>	Number of channels Nominal voltage Nominal current per channel Maximum total channels load	<b>6</b> trailing edge phase control <b>230 V AC 50/60 Hz</b> <b>8 A</b> <b>10 A</b>
<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	6 Relay to shift to Installation/system mode. Internal inductive over load detection Aluminum alloy with straight fin 6 * 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* 16 mm <sup>2</sup> supply terminal Screw terminal 0,25...6mm <sup>2</sup> 6 * 6mm <sup>2</sup> Screw terminal Male female connectors Link + Rj45 socket
<b>Operating and display elements</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 TIS Protocol messages and commands
<b>Functions</b>	Lighting control ON/OFF Dimming Scenes Sequences	6 channel controlled separately 6 different scenarios 6 different sequences
<b>Weight</b>	Without packaging	8 KG
<b>Dimensions</b>	Width x length x height	300mm x 415mm 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

## Dimensions



## Wiring

### **Data connection**

TIS Bus connection can be done by 2 ways

By Screw terminals connection or by RJ45 socket

Recommended UTP cat5e color connection

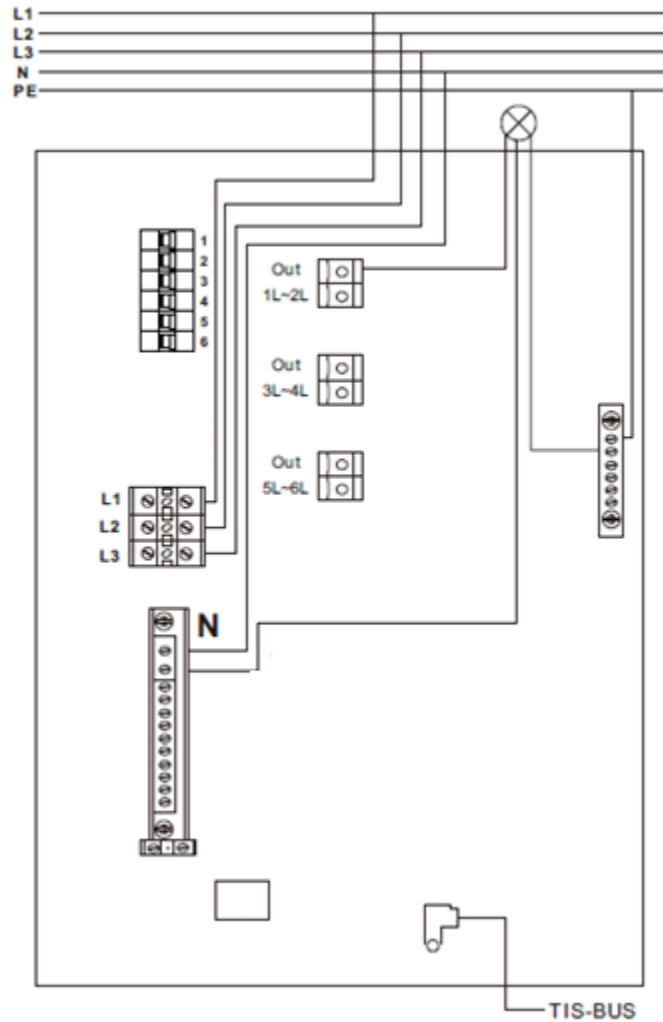
24V – Orange

D+ – Blue

D- – White Blue

GND – White Orange

## Electrical wire Connections:



Phase input connection (N/L):	16 mm	electrical wire
Channel Input :	4-6 mm	electrical wire
Load connectio :	4-6 mm	electrical wire.
Earth . Nutral connection:	4-6 mm	electrical wire.



### **Warranty**

We provide a warranty as provided for by law.

Hologram warranty seal and product serial number is provided by each device.

Please send the description of the defect with Product S/N to our dealer network.

[info@tissmarthome.com](mailto:info@tissmarthome.com)

[www.tissmarthome.com](http://www.tissmarthome.com)