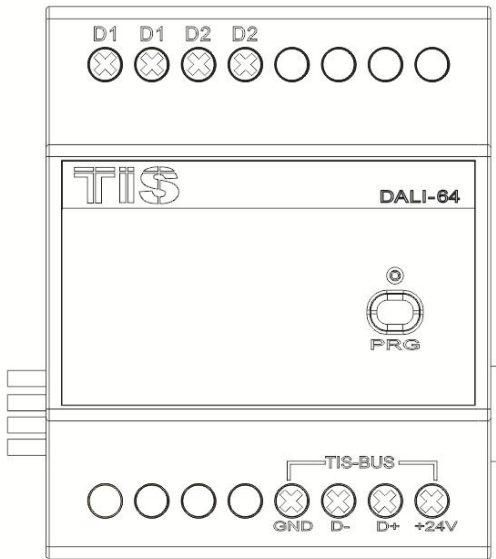# DALI Master Controller

TIS – DALI 64 Channels module
Model: TIS-DALI-64
Data Sheet Rev 1.3

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 din rail device with DALI port to control all DALI standard lighting drivers and convert the signal from TIS-bus to DALI signal, this module can be controlled separately with TIS protocol messages, technical knowledge obtained in TIS training courses is a prerequisite to proper understanding how to install and test this device. Advanced Programming knowledge about software obtained in the advanced training courses.

Intended use

DALI standard communication and programming...

Product characteristics

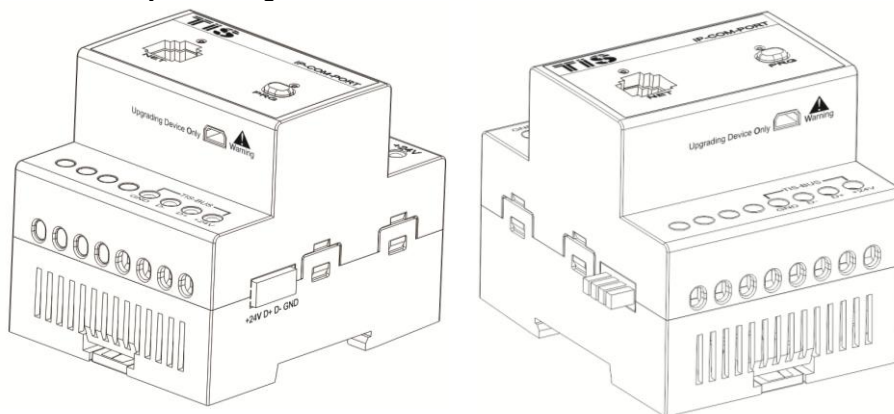|		
Ports	DALI	Standard DALI connection Numbers of units max 12 units
Reaction time		approx. 20ms
Function programmable options	DALI	Numbers of addresses 64 16 Groups 16 Scenes
Mounting	Din Rail Wall mount	Standard 35 mm Din rail screw holder on the back of the module
Connection terminal	Load and Power Data / bus	Screw terminal 0,25…4mm2 Male female connectors Link + screw Terminal
Weight	Without packaging	0.21 KG
Dimensions	Width x length x height	90mm x 73mm x 76mm
Housing	Materials Casing color IP rating	ABS anti fire Black Gray IP 20
Temperature range	Operation Storage Transport	-30…60°C -20…60°C -30…75°C
Air humidity		<85% non-condensing

Wiring diagram

Data connection
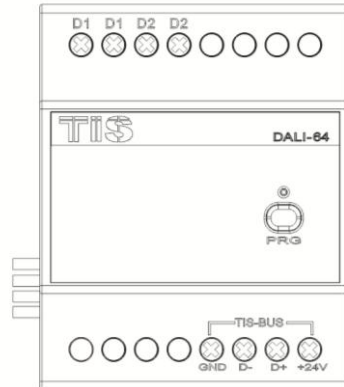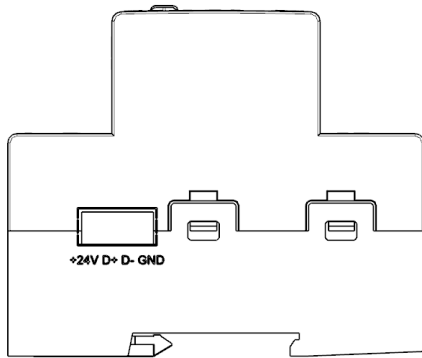TIS Bus connection can be done by 2 ways

A- Train Connector
By attaching 2 modules or more with each other on the Din rail

B- Screw terminals connection
By using the Cat5e cable to connect to TIS bus 4 terminals (24V,D+, D-, GND)

Recomanded UTP cat5e color connection

24V – Orange
D+ – Blue
D- – White Blue
GND – White Orange

CE RoHS

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
www.tissmarthome.com