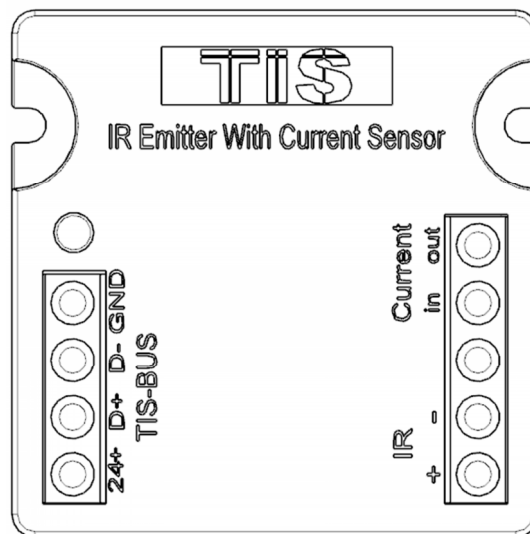


TIS Infrared Module IR Emitter With Current Sensor

Model: TIS-IR-CUR

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 free locate device with IR emitter output and current sensor which can be controlled and communicate separately with TIS protocol messages, technical knowledge obtained in TIS training courses is a prerequisite to proper understanding how to install device. Advanced Programming knowledge about software obtained in the advanced training courses.

Intended use

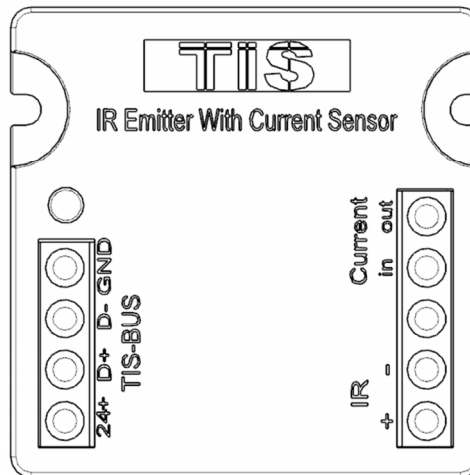
Controlling infrared appliances such as TV, DVD, CD Player etc..., also to control split air condition.

Product characteristics

Input	Current Sensor Input Type	Maximum 2 Amps. Digital input. Open / Close
Outputs	IR Emitter Peak wave length Radiated emission power (Φ_e) Length of connected wire	940 nm 2,4 mW < 5 meters
TIS Bus	Number of devices on 1 line Bus voltage Current consumption	Max. 64 12-32 V DC <15 mA / 24 V DC
Protection	Bus connection IR Emitter	Reverse Polarity Protection Reverse Polarity Protection
Reaction time		approx. 20ms
Mounting	Free locate	By 2 screws installed anywhere.
Connection terminal	Data / bus	Screw terminal 0.25...2.5mm ²
Operating and display elements	Programming button/LED By TIS bus Upgrading	For assignment of the physical address TIS Protocol messages and commands 1 X mini USB for up to date upgrading.
Functions	IR Codes Current sensor	Can save up to 250 Codes Judging if ON/OFF Logic
Weight	Without packaging	0.6 KG
Dimensions	Width x length x height	91mm x 145mm x 75mm
Housing	Materials Casing color	ABS anti fire Black Gray
Temperature range	Operation Storage Transport	-10...50°C -20...50°C -25...75°C
Air humidity		<85% non-condensing

Wiring diagram

Data connection



Bus connection

Screw terminals connection

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

Recommended UTP cat5e color connection

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

For Current Sensor and IR Connection , Please read the product wiring diagram

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.

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