

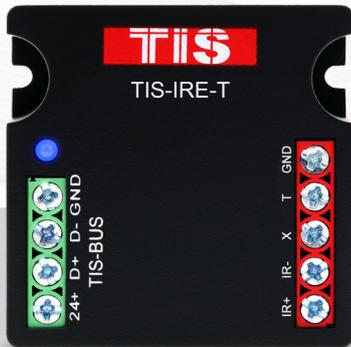


TIS INFRARED MODULE

IR Emitter with Temperature Sensor

Data Sheet Rev 3.1

Model: TIS-IRE-T



OVERVIEW

This product has an infrared emitter port and a temperature sensor. This means that you can control any infrared device with it, and if you want to manage your home's AC, the temperature sensor is there to assist you, making sure that no energy is wasted and the room temperature is always suitable. Temperature data is displayed in TIS mobile application or software.

KEY BENEFITS

- + Smart media appliances control such as TV, DVD, and TV Box
- + Split AC control
- + Room temperature monitoring
- + Alert sending if temperature is too high/low

KEY FEATURES

- ★ Free locate, Small size module
- ★ Works with TIS-BUS Protocol
- ★ Contain more than 1000 brands infrared library database
- ★ Can save additional 200 infrared codes by using TIS IR Learner



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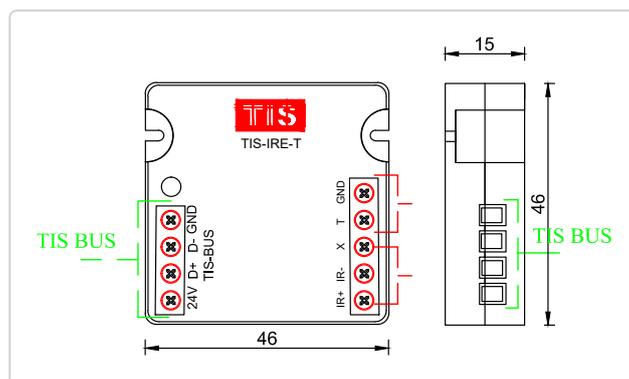
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PRODUCT SPECIFICATIONS

	Input	Current Sensor Input Type	Maximum 2 Amps. Digital input. Open / Close
	Output	IR Emitter peak wave length Radiated emission power (e) Length of connected wire	
	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	Can be installed anywhere	2 Screws required
	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 the latest upgrade.
	Functions	IR Codes Current sensor	Can save up to 250 Codes Determining if logic is ON/OFF
	Weight	Without packaging	0.1 KG
	Dimensions	Width x length x height	46mm x 46mm x 16mm
	Housing	Materials Casing color IP Rating	ABS Fireproof Dark Gray IP 20
	Temperature range	Operation Storage Transport	-10...50°C -20...50°C -25...75°C
	Air humidity		<85% non-condensing



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