

INSTALLATION MANUAL

TIS AUTOMATION TIMER

Module with Logic Programmability

Model: TIS-AUT-TMR







TIS
CONTROL EVERYTHING



PRODUCT INFORMATION

This product is a home automation component with a built-in timer and programmable flags and logic lines, designed for automatic presets and scenarios.

PRODUCT SPECIFICATIONS

 Logic	Conditions links	AND, OR, NAND, NOR
	Programming sections	12
	Table in each sections	20
	Pins of table	4
 TIS Bus	Conditions type	If "year, month, week, day, time, channel, curtain, universal switch, security, flag switch"
	Number of devices on 1 line	Max. 64
	Bus voltage	12-32 V DC
	Current consumption	<25 mA / 24 V DC
 Function programmable options	Protection	Reverse polarity protection
	Commands	10 commands per table
	Advanced Timer	Longitude latitude info, setting for sunset sunrise calculation
 Dimensions	Width x length x height	76mm x 69mm x 90mm
 Housing	Materials	Fireproof ABS
	Casing color	Black
	IP rating	IP 20
 Air humidity		<85% non-condensing



BARCODE (UPC-A)





Read Instructions

We recommend that you read this Instruction Manual before installation.



Mounting Location

Install in a dry, well-ventilated location. Controllers may emit some mechanical noise. Take this into account when deciding on a mounting location.



Safety instructions

Electrical equipment should 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.



Data Cable

Use screened stranded RS485 data cable with four twisted pairs. Configure devices in a "Daisy Chain."

Do not cut or terminate live data cables.



Programming

Advanced programming requires TIS Device Search software. Advanced software programming knowledge should be obtained in the advanced training courses.



Warranty

We provide a warranty as required by law. A hologram warranty seal and product serial number are provided on each device. Please send the description of the defect with Product S/N to our dealer network.



Simple Installation

DIN Rail mount facilitates installation. Fixing points are provided for installation without the use of DIN rail.





INSTALLATION STEPS

1»

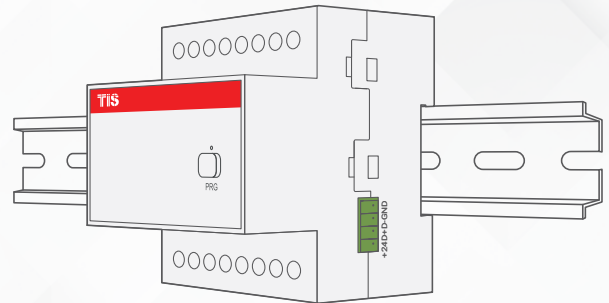
Turn off TIS power supply.



WARNING! HIGH VOLTAGE

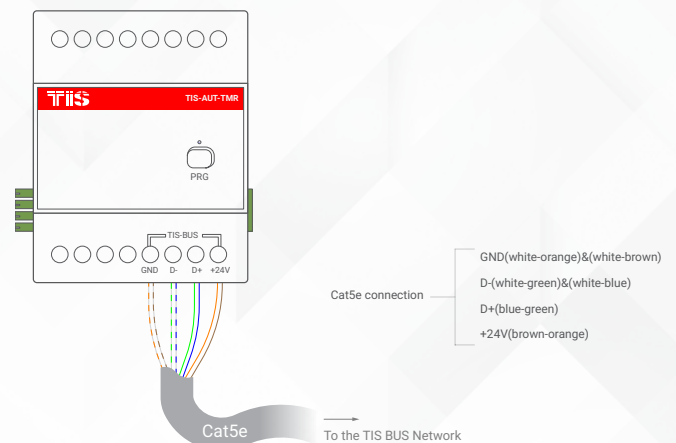
2»

Mount the device on a DIN rail inside an approved enclosure. The device can also be installed without the use of DIN rail by two mounting screw holes.



3»

Connect a Cat5e TIS network data cable to the TIS-BUS port as per the connection diagram. No need to loop the TIS-bus cable if 2 DIN rail modules are connected together from the side bus train terminal.





TROUBLESHOOTING



PRG Button Blinks Red Color Rapidly

Reason: The module's address conflicts with another device in the TIS network. You need to press and hold the PRG button for 6 seconds so the module can get a new address.



Device PRG LED is not Blinking; Device not Powered

Reason: Device is not powered on; no TIS-BUS 24V supply connected to the device.



Wall Panels can't Communicate with the Device

Reason 1: The TIS-BUS connection has a problem; check the wires and make sure there's not a short in the connection.

Reason 2: The programming address is wrong.



Device Time Resets to Default Randomly

Reason: The built-in battery has expired. You need to add an external battery or replace the built-in battery with a new one.