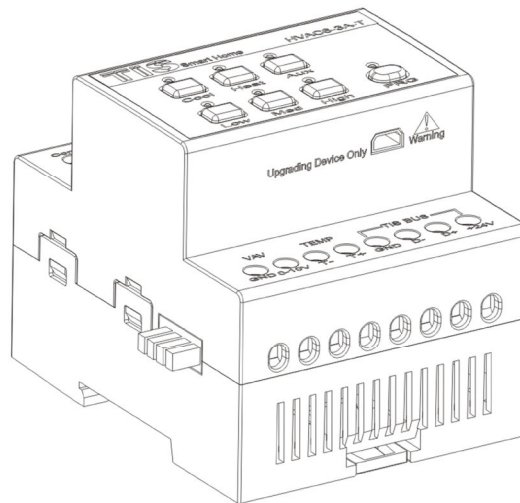


TIS HVAC VAV Controller

Model: HVAC6-3A-T

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 DIN rail device with 6 channels free voltage relay and 0-10 volt output to control VAV and FCU in air conditioning, 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

Control air condition systems such as fan speeds FCU, HVAC and VAV ...

Product characteristics

Outputs	Number of channels	6
	Nominal voltage	0 – 230 V AC 50/60 Hz
	Nominal current per channel	
	Low current	3 A / 28 VDC
	Air condition controllers	2 A / 230 VAC
	VAV outputs	0-10V / 50mA
Output switching current	Max switching current	3A/230 VAC
	Max Continues current	2A/230 VAC
Output service life	Mechanical service life	> 5,000,000 Times
Output switching times	Operating time	10mS (at nomi. Volt)
	Releasing time	10 mS (at nomi. Volt)
Other specification	Contact Resistance	100mΩ max. (at 1A 24VDC)
	Insulation Resistance	1000MΩ (500VDC)
Inputs	Temperature	Resistive temperature sensor
Reaction time		approx. 20ms
Function programmable options	Cool, Heat, Aux	Cool, Heat , Aux programmable outputs
	Fan speed control	Low, Medium, High linked outputs
	VAV 0-10V	Can set any voltage for Low , Med & High
	Look the buttons Programming	Can look the Module buttons or unlock it. DIY Manual Programming with TIS Panel
Mounting	Din Rail	Standard 35 mm Din rail
	Wall mount	screw holder on the back of the module
Connection terminal	Load and Power	Screw terminal 0,25...4mm ²
	Data / bus	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	ABS anti fire
	Casing color	Black Gray
Temperature range	Operation	-30...60°C
	Storage	-20...60°C
	Transport	-30...75°C
Air humidity		<85% non-condensing

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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