



TIS HVAC CONTROLLER

Smart Heating & Ventilation System

Data Sheet Rev 3.2

Model: HVAC6-3A-T



OVERVIEW

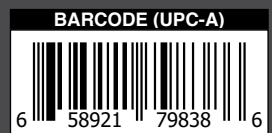
This device provides a smart Heating, Ventilation and Air-Conditioning system to best help maintain good indoor air quality through adequate ventilation with filtration and thermal comfort.

KEY BENEFITS

- + Integratable with other TIS solutions
- + Easy installation & maintenance
- + Saving interior space
- + Ideal for large spaces

KEY FEATURES

- ★ Constant air filtration
- ★ Consistent heating & cooling
- ★ Programmable for scenes & presets
- ★ Controllable via TIS App



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PRODUCT SPECIFICATIONS

↑	Output Switching Voltage	Number of channels	6
		Nominal voltage	0 – 230 V AC 50/60 Hz
		VAV outputs	0-10V / 50mA
↑	Output switching current	Nominal current per channel	
		Low current	3 A / VDC
		Air condition controllers	2 A / VAC
		Max switching current	3A / VDC
	Max Continues current	2A / VAC	
↑	Output service life	Mechanical service life	> 5,000,000 Times
↑	Output switching times	Operating time	10mS (at nomi. Volt)
		Releasing time	10mS (at nomi. Volt)
📄	Other specification	Contact Resistance	100m max. (at 1A 24VDC)
		Insulation Resistance	1000M (500VDC)
TISBUS	TIS Bus	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption (Normal)	<20 mA / 24 V DC
		Current consumption (Peak)	<100 mA / 24 V DC
		Protection	Reverse polarity protection
↓	Inputs	Temperature	Resistive temperature sensor
🕒	Reaction time		approx. 20ms
⚙️	Operation & 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
		Lock the buttons	Can lock the Module buttons or unlock it.
		Programming	Manual & via software
🔧	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	250g
📏	Dimensions	Width × Length × Height	90mm × 73mm × 76mm



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Wanchai, Hong Kong

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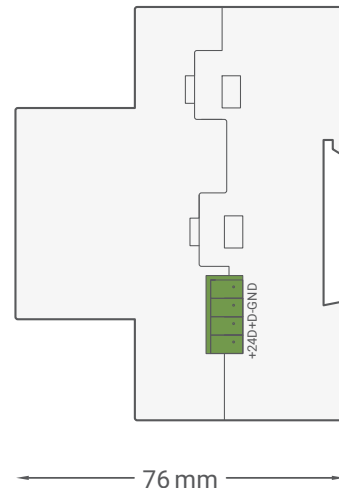
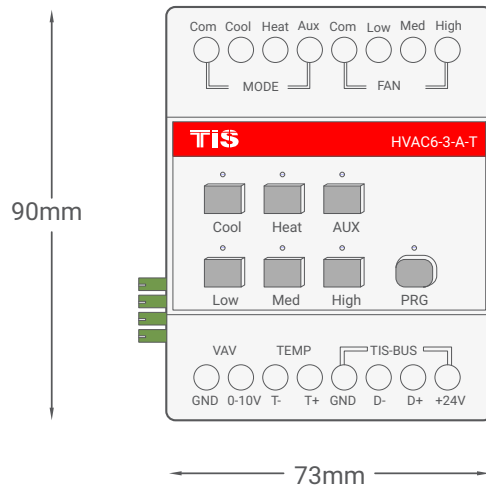
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PRODUCT SPECIFICATIONS

Housing	Materials	ABS fire proof
	Casing color	Black Gray
	Button color	Silver
	IP rating	IP 20
Temperature range	Operation	-30...60°C
	Storage	-20...60°C
	Transport	-30...75°C
Air humidity		<85% non-condensing



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