

Data Sheet Rev 3.2

### **TIS POWER RELAY**

6 Channels 5 Amps

Model: VI C-6CH-5A





#### **OVERVIEW**

This product is a power relay switch with electromagnet for lights' turn ON/OFF or motors' Open/Close function. It enables smart control over lights, sprinklers, gates, shutters and curtains, fan speed, valves, etc. and is ideal for residential and industrial applications.

### **KEY BENEFITS**

- Compatibility with other TIS solutions
- Expandable functions using BUS couplers
- Suitable for all types of back boxes
- Applicable in home, hotel & office rooms

#### **KEY FEATURES**

- 6 switching channels
- 6 buttons for manual control
- Programmable for scenes & presets
- Reverse polarity protection













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		PRODUCT SPECIFICA	ATIONS	1/
1	Output	Number of channels Nominal voltage Nominal current per channel Low current Lighting incandescent lamp Motors / Air condition LED and CFL lamp	6 0 – 230 V AC 50/60 Hz 5 A 4 A 3 A 1 A	
1	Output switching current	Max switching current Max Continues current	5A 4A	
<u>_</u>	Output service life	Mechanical service life	> 5,000,000 Times	
1	Output switching times	Operating time Releasing time	10 mS (at nomi. Volt) 10 mS (at nomi. Volt)	
TISBUS	TIS Bus	Number of devices on 1 line Bus voltage Current consumption (Normal) Current consumption (operation) Protection	Max. 64 12-32 V DC <20 mA / 24 V DC <100 mA / 24 V DC Reverse polarity protection	
( <del>)</del>	Reaction time		approx. 20ms	
† <del>!†</del>	Operation	Programming button/LED 1-6 buttons By TIS bus Programming	For assignment of the physical address Manual ON/OFF & programming TIS protocol messages & commands Manual & via software	
Îo	Mounting	Din rail Wall mount	Standard 35 mm din rail screw holder on the back of the module	
<del></del>	Connection terminal	Load and power Data / bus	Screw terminal 0,254mm2 Male/female connectors link + screw terminal	
<b>O</b> O	Functions	Lighting control ON/OFF Motor setting Fan speed control	6 separately controllable channels Can set 3 groups of curtains (open/close) Can set 2 groups of fans (low, med, high)	
å	Weight	Without packaging	210g	
+	Dimensions	Width × Length × Height	76mm × 73mm × 90mm	



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Air humidity

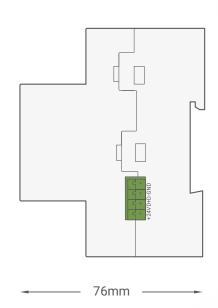




<85% non-condensing

PRODUCT SPECIFICATIONS							
	Housing	Materials Casing color Button color IP rating	Fireproof ABS Black Silver IP 20				
<u>.</u>	Temperature range	Operation Storage Transport	-3060°C -2060°C -3075°C				

Com 1/L 2/M 3/H Com 4/L 5/M 6/H TIIS VLAC-6CH-3A 90mm





73mm -