



TIS POWER RELAY

6 Channels 5 Amps

Data Sheet Rev 3.1

Model: VLC-6CH-5A



OVERVIEW

Our Relay series which is available in different types based on the number of channels is an integral part of any automation system and is used to turn ON/OFF or OPEN/CLOSE different parts of your appliances, such as lights, sprinklers, gate motors, curtains, shutters, floor heating system, water/ gas valves, sirens, flashers, and more.

Also, it is not limited to the number of outputs; since this solution works in the TIS-BUS system, it can be linked to another module to control as many outputs as you want simultaneously.

KEY BENEFITS

- + 6 Switching Power Relays
- + 6 Buttons for Manual ON/OFF
- + DIY Programming
- + Timer & Consumption Calculation function
- + Works with TIS-BUS Protocol

KEY FEATURES

- ★ Standard 35 mm Din-Rail mounting
- ★ Free voltage output
- ★ 5A Current per channel
- ★ Reverse polarity protection
- ★ Controls lights, motors, and FCUs



BARCODE (UPC-A)



TIS POWER RELAY

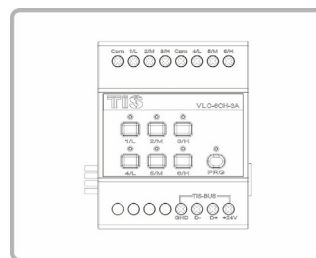
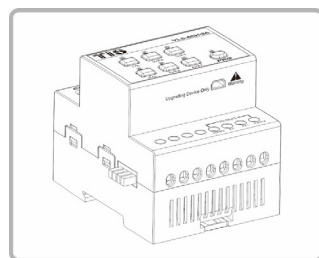
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PRODUCT SPECIFICATIONS

↓	Input	Temperature	Resistive temperature sensor
		Number of channels	6
		Nominal voltage	0 – 230 V AC 50/60 Hz
↑	Output	Nominal current per channel	
		Low current	5 A
		Lighting Incandescent Lamp	4 A
		Motors / Air condition	3 A
		LED and CFL Lamp	1 A
↑	Output switching current	Max switching current	5A
		Max Continues current	4A
↑	Output service life	Mechanical service life	> 5,000,000 Times
↑	Output switching times	Operating time	10 mS (at nomi. Volt)
		Releasing time	10 mS (at nomi. Volt)
↓	Other specification	Contact resistance	100M max. (at 1A 24VDC)
		Insulation resistance	1000M (500VDC)
⚙️	Functions	Lighting control ON/OFF	6 channels controlled separately
		Motor setting	Can set 3 groups of curtains (open/close)
		Fan speed control	Can set 2 groups of fans (low, med, high)
🔩	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 fire proof
		Casing Color	Black Gray
		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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