



OVERVIEW

Our Relay Series, which is based on the number of channels and available in different types, 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, fan speed, floor heating, 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

- 👍 12 Switching Power Relay
- 👍 12 Buttons for Manual ON/OFF
- 👍 DIY Programming
- 👍 Timer and consumption calculation function
- 👍 Works with TIS-BUS Protocol

KEY FEATURES

- ★ Standard 35 mm Din-Rail Mounted
- ★ Free Voltage output
- ★ 10A Current per channel
- ★ Reverse Polarity Protection
- ★ Control Lights, Motors, and FCUs





PRODUCT CHARACTERISTICS

	Outputs switching Voltage	Number of channels Nominal voltage Max switching voltage	12 0 – 230 V AC 50/60 Hz 440VAC / 125VDC
	Output switching current	Nominal current per channel Maximum total channel load Max switching current Max Continuous current	10 A / 230 VAC 120 A / 230 VAC 16A/230 VAC resistive 8A/230 VAC fluorescent 10A/230 VAC
	Output service life	Mechanical service life	> 10,000,000 Times
	Output switching times	Operating time Releasing time Max operating frequency	15mS (at nomi. Volt) 8 mS (at nomi. Volt) 20 cycle/min
	TIS Bus	Number of devices on 1 line Bus voltage Current consumption (Normal) Current consumption (Peak) Protection	Max. 64 12-32 V DC <15 mA / 24 V DC <140 mA / 24 V DC Reverse Polarity Protection
	Reaction time		approx. 20ms
	Operating and display elements	Programming button/LED 1-12 buttons By TIS bus Programming	For assignment of the physical address Manual ON/OFF and Programming TIS Protocol messages and commands Manual basic, programming or via software
	Mounting	Din rail Wall mount	Standard 35 mm Din rail screw holder on the back of the module
	Connection terminal	Load and Power Data / bus	Screw terminal 0,25...4mm ² Male/female connectors link + screw terminal
	Functions	Lighting control ON/OFF Curtain control Fan speed control Scenes Sequences	12 channels controlled separately Can set 6 groups of curtains (open/close) Can set 4 groups of fans (low, med, high) 12 different scenarios 12 different sequences
	Weight	Without packaging	0.45 KG
	Dimensions	Width x length x height	91mm x 145mm x 75mm
	Housing	Materials Casing color Button color IP rating	ABS anti fire Black Gray Silver IP 20
	Temperature range	Operation Storage Transport	0...60°C -20...50°C -25...75°C
	Air humidity		<85% non-condensing

