



## 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, 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

- 👍 4 Switching Power Relay
- 👍 4 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 and Motors





### PRODUCT CHARACTERISTICS

	<b>Outputs switching Voltage</b>	Number of channels Nominal voltage Max switching voltage	4 0 – 230 V AC 50/60 Hz 440VAC / 125VDC
	<b>Output switching current</b>	Nominal current per channel Maximum total channel load Max switching current Max continuous current	4 A / 230 VAC 40 A / 230 VAC 16A/230 VAC resistive 8A/230 VAC fluorescent 10A/230 VAC
	<b>Output service life</b>	Mechanical service life	> 10,000,000 Times
	<b>Output switching times</b>	Operating time Releasing time Max operating frequency	15mS (at nomi. Volt) 8 mS (at nomi. Volt) 20 cycle/min
	<b>TIS Bus</b>	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
	<b>Reaction time</b>		approx. 20ms
	<b>Operating and display elements</b>	Programming button/LED 1-4 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
	<b>Mounting</b>	Din Rail Wall mount	Standard 35 mm Din rail screw holder on the back of the module
	<b>Connection terminal</b>	Load and Power Data / bus	Screw terminal 0,25...4mm <sup>2</sup> Male female connectors link + screw terminal
	<b>Functions</b>	Lighting control ON/OFF Curtain control Scenes Sequences	4 channels controlled separately Can set 2 groups of curtains (open/close) 4 different scenarios 4 different sequences
	<b>Weight</b>	Without packaging	0.25 KG
	<b>Dimensions</b>	Width x length x height	90mm x 73mm x 76mm
	<b>Housing</b>	Materials Casing color Button color IP rating	ABS anti fire Black Gray Silver IP 20
	<b>Temperature range</b>	Operation Storage Transport	0...60°C -20...50°C -25...75°C
	<b>Air humidity</b>		<85% non-condensing

