



TIS LATCHING RELAY

8 Channels 16 Amps

Data Sheet Rev 3.2

Model: RLY-8CH-16A



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

- + 8-Switch Latching Relay
- + 8 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
- ★ 8 Mechanical Switches for Emergency ON/OFF
- ★ Free Voltage output
- ★ 10A Current per channel
- ★ Reverse Polarity Protection



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PRODUCT SPECIFICATIONS

↑	Output Switching Voltage	Number of channels	8
		Nominal voltage	0 – 230 V AC 50/60 Hz
		Max switching voltage	440VAC
↑	Output switching current	Nominal current per channel	16 A
		Maximum total channel load	128 A
		Max switching current	50A resistive 20A florescent
		Max continuous current	20A VAC
↑	Output service life	Mechanical service life	> 10,000,000 Times
↑	Output switching times	Operating and releasing	15mS (at nomi. Volt)
		Max. operating frequency	20 cycle/min
TISBUS	TIS Bus	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption (Normal)	<15 mA / 24 V DC
		Current consumption (operation)	<35 mA / 24 V DC
		Protection	Reverse polarity protection
🕒	Reaction time		approx. 20ms
⚙️	Operating and display elements	Programming button/LED	For assignment of the physical address
		1-8 buttons	Manual ON/OFF and programming
		Mechanical Switch	Relay emergency operator
		By TIS bus	TIS protocol messages and commands
	Programming	Manual basic Prog, or by 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
⚙️	Functions	Lighting control ON/OFF	8 channels controlled separately
		Curtain control	Can set 4 group of curtains (open/close) option
		Scenes	8 different scenarios
		Sequences	8 different sequences



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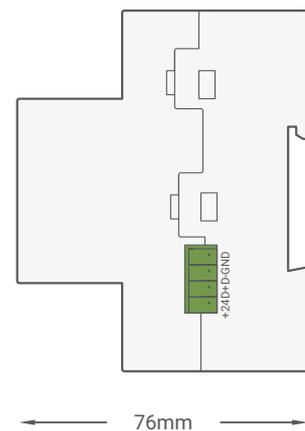
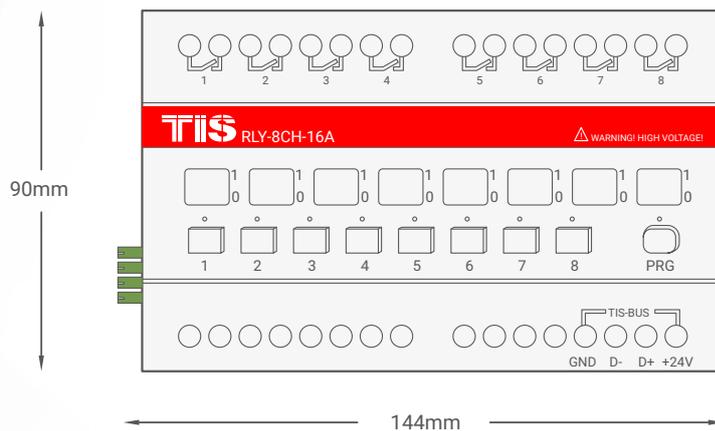
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PRODUCT SPECIFICATIONS

	Weight	Without packaging	0.45 KG
	Dimensions	Width x Length x Height	145mm x 75mm x 91mm
	Housing	Materials Casing color Button color IP rating	ABS fire proof Black Gray Silver IP 20
	Temperature range	Operation Storage Transport	0...60°C -20...50°C -25...75°C
	Air humidity		<85% non-condensing



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