



TIS LATCHING RELAY

Relay Module with 6 Channels

Data Sheet Rev 3.2

Model: RLY-8CH-16A



OVERVIEW

This product features a relay module for smart control over lights ON/OFF, sensors, and motorized components for maximum efficiency and user comfort.

KEY BENEFITS

- + Compatibility with other TIS solutions
- + Improving energy efficiency
- + Automation of 3rd-party devices
- + Applicable in all types of projects

KEY FEATURES

- ★ Din rail & wall mounting
- ★ 8 programmable channels
- ★ Reverse polarity protection
- ★ Energy consumption calculation



BARCODE (UPC-A)



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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
	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
	Operation	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
	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 separately controllable channels
		Curtain control	Can set 4 group of curtains open/close
		Scenes	8 different scenarios
		Sequences	8 different sequences
	Weight	Without packaging	450g



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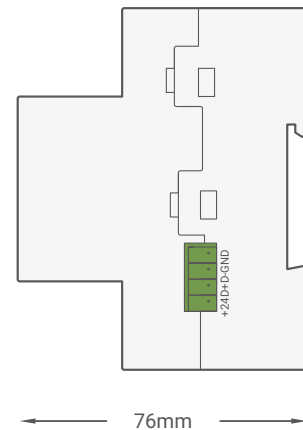
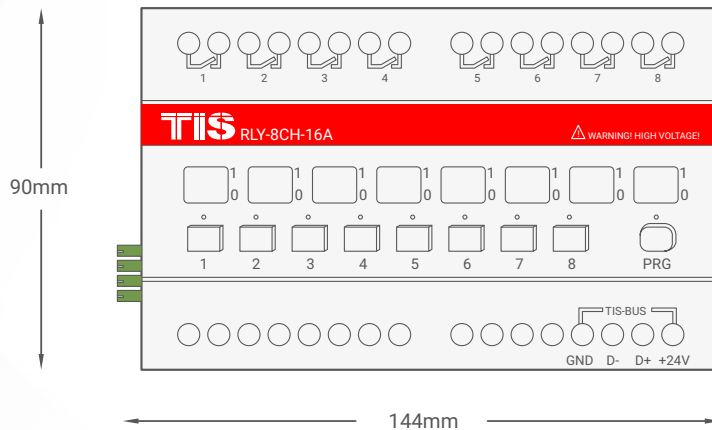
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PRODUCT SPECIFICATIONS

	Dimensions	Width × Length × Height	76mm × 144mm × 90mm
	Housing	Materials Casing color Button color IP rating	Fireproof ABS 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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