



TIS POWER RELAY

4 Channels 10 Amps

Data Sheet Rev 3.2

Model: RLY-4CH-10A



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



BARCODE (UPC-12)



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PRODUCT SPECIFICATIONS

	Output Switching Voltage	Number of channels	4
		Nominal voltage	0 – 230 V AC 50/60 Hz
		Max switching voltage	440VAC / 125VDC
	Output switching current	Nominal current per channel	4A
		Maximum total channel load	40A
		Max switching current	16A resistive 8A florescent
		Max continuous current	10A VAC
	Output service life	Mechanical service life	> 10,000,000 Times
	Output switching times	Operating time	15mS (at nomi. Volt)
		Releasing time	8 mS (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)	<20 mA / 24 V DC
		Current consumption (Peak)	<100 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
		1-4 buttons	Manual ON/OFF and programming
		By TIS bus	TIS protocol messages and commands
		Programming	Manual basic programming or via 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	4 channels controlled separately
		Curtain control	Can set 2 groups of curtains (open/close)
		Scenes	8 different scenarios
	Weight	Without packaging	0.25 KG
	Dimensions	Width × Length × Height	73mm × 76mm × 90mm
	Housing	Materials	ABS fire proof
		Casing color	Black Gray
		Button color	Silver
		IP rating	IP 20



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TEXAS INTELLIGENT SYSTEM LLC
SUITE# 610, 860 NORTH DOROTHY DR
RICHARDSON
TX 75081.USA

TIS CONTROL LIMITED
RM 1502-p9 Easey CommBldg
253-261 Hennessy Rd Wanchai
Hong Kong

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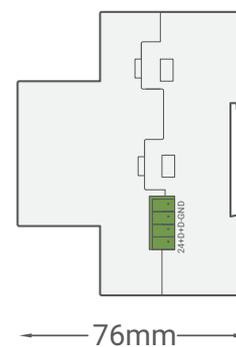
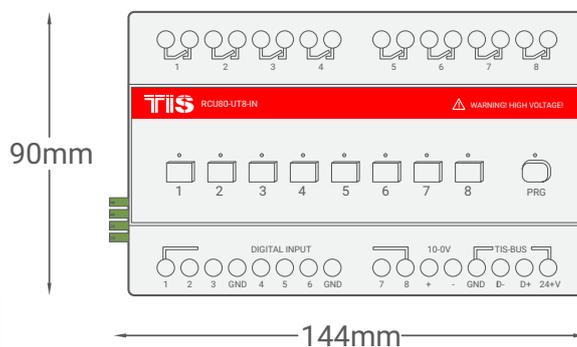
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PRODUCT SPECIFICATIONS

Temperature range	Operation	0...60°C
	Storage	-20...50°C
	Transport	-25...75°C
Air humidity		<85% non-condensing



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