



# TIS POWER RELAY

## Relay Module with 4 Channels

Data Sheet Rev 3.2

Model: RLY-4CH-10A



## 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
- ★ 4 power switching channels
- ★ User-friendly programming
- ★ Reverse polarity protection



BARCODE (UPC-12)



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## PRODUCT SPECIFICATIONS

<b>Output Switching Voltage</b>	Number of channels	4
	Nominal voltage	0 – 230 V AC 50/60 Hz
	Max switching voltage	440VAC / 125VDC
<b>Output switching current</b>	Nominal current per channel	4A
	Maximum total channel load	40A
	Max switching current	16A resistive 8A florescent
	Max continuous current	10A VAC
<b>Output service life</b>	Mechanical service life	> 10,000,000 Times
<b>Output switching times</b>	Operating time	15mS (at nomi. Volt)
	Releasing time	8 mS (at nomi. Volt)
	Max. operating frequency	20 cycle/min
<b>TIS Bus</b>	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
<b>Reaction time</b>		approx. 20ms
<b>Operation</b>	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 & via software
<b>Mounting</b>	Din rail	Standard 35 mm din rail
	Wall mount	screw holder on the back of the module
<b>Connection terminal</b>	Load and Power	Screw terminal 0,25...4mm <sup>2</sup>
	Data / bus	Male/female connectors Link + screw Terminal
<b>Functions</b>	Lighting control ON/OFF	4 separately controllable channels
	Curtain control	Can set 2 groups of curtains open/close
	Scenes	8 different scenarios
<b>Weight</b>	Without packaging	250g



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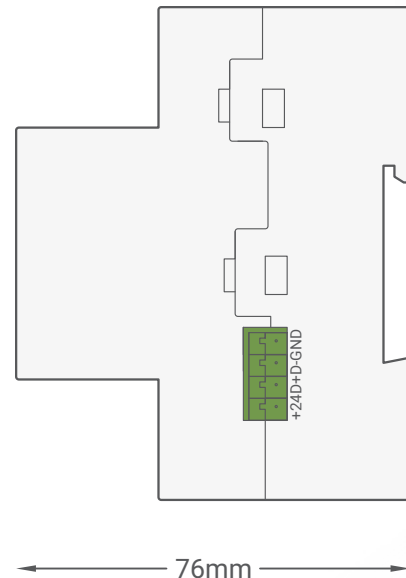
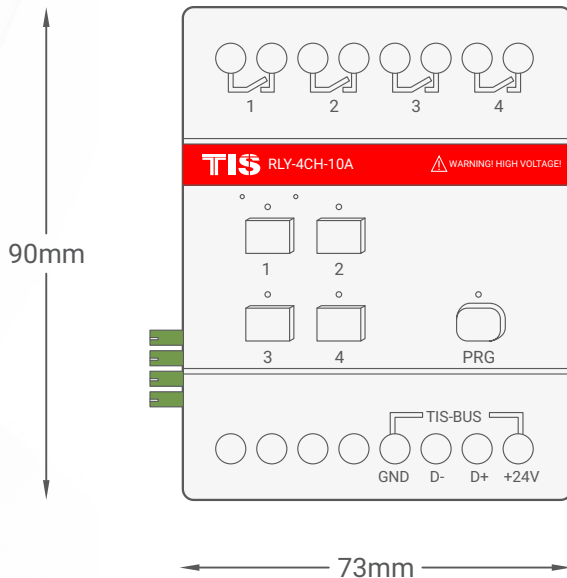
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## PRODUCT SPECIFICATIONS

	<b>Dimensions</b>	Width × Length × Height	73mm × 76mm × 90mm
	<b>Housing</b>	Materials Casing color Button color IP rating	Fireproof ABS 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



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