

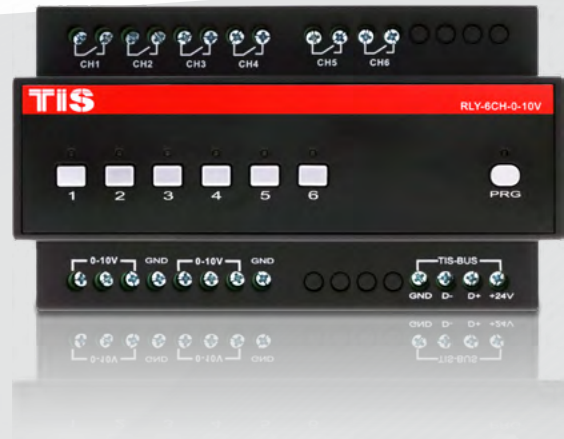


Data Sheet Rev 3.2

# TIS POWER RELAY

Relay Module with 6 Channels

Model: RLY-6CH-0-10V



## 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
- ★ 6 power switching channels
- ★ Equipped with 0-10V output
- ★ Energy consumption calculation



# TIS POWER RELAY

## Relay Module with 6 Channels

Model: RLY-6CH-0-10V



### PRODUCT SPECIFICATIONS

	<b>Output Switching Voltage</b>	Number of channels	6
		Nominal voltage	0 – 230 V AC 50/60 Hz
		Max. switching Voltage	440VAC / 125VDC
		Analog Output	6 outputs 0-10V
	<b>Output switching current</b>	Nominal current per channel	10A
		Maximum total channel load	60A
		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)	<30 mA / 24 V DC
		Current consumption (operation)	<150 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
		1-6 buttons	Manually 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 Dimming	6 separately controllable channels
		Curtain control	Can set 3 group of curtains open/close
		Dimming	used with 0-10V output for dimming
		Scenes	6 different scenarios



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Wanchai, Hong Kong

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## Relay Module with 6 Channels

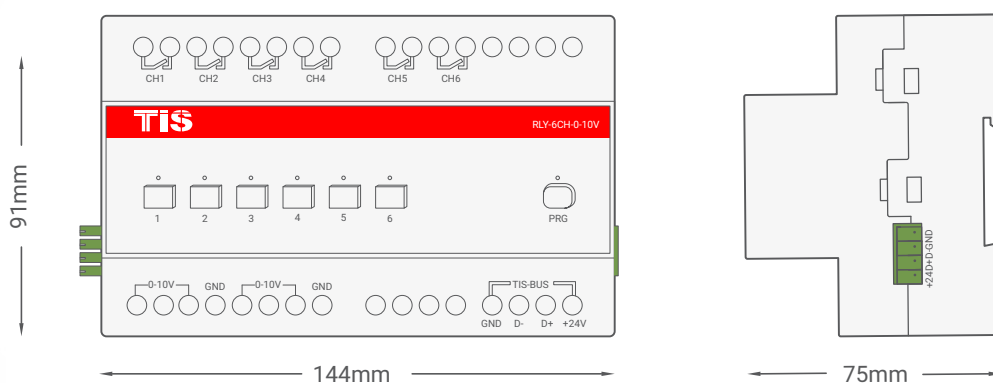
Model: RLY-6CH-0-10V

TIS



### PRODUCT SPECIFICATIONS

	<b>Weight</b>	Without packaging	400g
	<b>Dimensions</b>	Width × Length × Height	75mm × 144mm × 91mm
	<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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