



## OVERVIEW

The module has 8 channel inputs and outputs with one 0-10V output channel; thus, it is capable of controlling almost everything in an automation project. This device is compatible with all the sensors, lights, FCU, curtains, shutters, and motors available on the market. This unit can control a large area, performing all functions while also monitoring and decreasing energy consumption.

RCU let you know how much energy is consumed per day, month, and year. They provide you with a concise consumption report to assist you in developing and implementing effective energy management policies.

## KEY BENEFITS

- 👍 8 Switching Latching Relay
- 👍 8 Digital inputs
- 👍 8 Buttons for Manual ON/OFF
- 👍 1 channel 0-10V Output
- 👍 Timer and consumption calculation function
- 👍 Works with TIS-BUS Protocol

## KEY FEATURES

- ★ Standard 35 mm Din-Rail Mounted
- ★ Free Voltage Switching output
- ★ 10A Current per channel
- ★ Reverse Polarity Protection
- ★ DIY Programming





### PRODUCT CHARACTERISTICS

	<b>Outputs switching Voltage</b>	Number of channels Nominal voltage Max. switching Voltage Analog Output	8 0 – 230 V AC 50/60 Hz 440VAC / 125VDC Ch8 include 0-10V output for dimming
	<b>Output switching current</b>	Nominal current per channel Maximum total channels load Max switching current Max Continues current	Ch1 20A, Ch 2-8 10 A / 230 VAC 90 A / 230 VAC 16A/230 VAC Resistive 8A/230 VAC florescent 10A/230 VAC
	<b>Output service life</b>	Mechanical service life	> 10,000,000 Times
	<b>Output switching times</b>	Operating time Releasing time Max. operating frequency	15mS (at nomi. Volt) 8 mS (at nomi. Volt) 20 cycle/min
	<b>Input</b>	Number of channels Input Type Length of connected wire	8 Digital input. Open / Close < 350 meter
	<b>TIS Bus</b>	Number of devices on 1 line Bus voltage Current consumption (Normal) Current consumption (Peak) Protection	Max. 64 12-32 V DC <15 mA / 24 V DC <140 mA / 24 V DC Reverse Polarity Protection
	<b>Reaction time</b>		approx. 20ms
	<b>Operating and display elements</b>	Programming button/LED 1-8 buttons By TIS bus Programming	For assignment of the physical address Manually ON/OFF and Programming TIS Protocol messages and commands Manual basic Prog, or by software.
	<b>Mounting</b>	Din Rail Wall mount	Standard 35 mm Din rail screw holder on the back of the module
	<b>Connection terminal</b>	Load and Power Data / bus	Screw terminal 0,25...4mm <sup>2</sup> Male female connectors link + screw terminal
	<b>Functions</b>	Lighting control ON/OFF Dimming Curtain control Fan speed control Dimming Scenes 8 Digital inputs	8 channels controlled separately Can set 4 group of curtains (open/close) option Can set 2 group of Fan (low, med, high) option Ch 8 used with 0-10V output for dimming 8 different scenarios Programmable inputs to connect to normal wall switches and sensors
	<b>Weight</b>	Without packaging	0.45 KG
	<b>Dimensions</b>	Width x length x height	91mm x 145mm x 75mm
	<b>Housing</b>	Materials Casing color Button color IP rating	ABS anti fire Black Gray Silver IP 20
	<b>Air humidity</b>	Operation Storage Transport	0...60°C -20...50°C -25...75°C
	<b>Temperature range</b>		<85% non-condensing

