TIS RCU MODULE

Room Control Unit with 8 Channels

Data Sheet Rev 3.2

Model: RCU-8OUT-8IN

OVERVIEW

This product is a smart controller with eight channels ideal for the automation of lights, sensors, FCU, curtains and motorized devices for maximum efficiency and user comfort.

KEY BENEFITS

- Compatibility with other TIS solutions
- Improving management efficiency
- Saving energy & costs
- Applicable in all types of projects

KEY FEATURES

- Din rail & wall mounting
- 8 input/output channels
- User-friendly programming
- Controllable via TIS App

BARCODE (UPC-12)

6 58921 79821 8

TIS RCU MODULE

Room Control Unit with 8 Channels

Model: RCU-8OUT-8IN

PRODUCT SPECIFICATIONS

Output Switching Voltage	Number of channels	8
	Nominal voltage	0 – 230 V AC 50/60 Hz
	Max. switching Voltage	440VAC / 125VDC
	Analog Output	Ch8 include 0-10V output for dimming
Output switching current	Nominal current per channel	Ch1 20A, Ch 2-8 10 A
	Maximum total channels load	90 A
	Max switching current	16A Resistive 8A Florescent
	Max Continues 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
Input	Number of channels	8
	Input Type	Digital input. Open / Close
	Length of connected wire	< 350 meter
TIS Bus	Number of devices on 1 line	Max. 64
	Bus voltage	12-32 V DC
	Current consumption (Normal)	<30 mA / 24 V DC
	Current consumption (Peak)	<50 mA / 24 V DC
	Protection	Reverse polarity protection
Reaction time		approx. 20ms
Operation	Programming button/LED	For assignment of the physical address
	2 buttons	Manually ON/OFF and programming
	By TIS bus	TIS protocol messages and commands
	Programming	Manual & 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…4mm2
	Data / bus	Male/female connectors Link + screw Terminal

Copyright © 2022 TIS, All Rights Reserved
TIS Logo is registered trademark of TIS CONTROL .
All of the specification are subject to change without notice.

TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

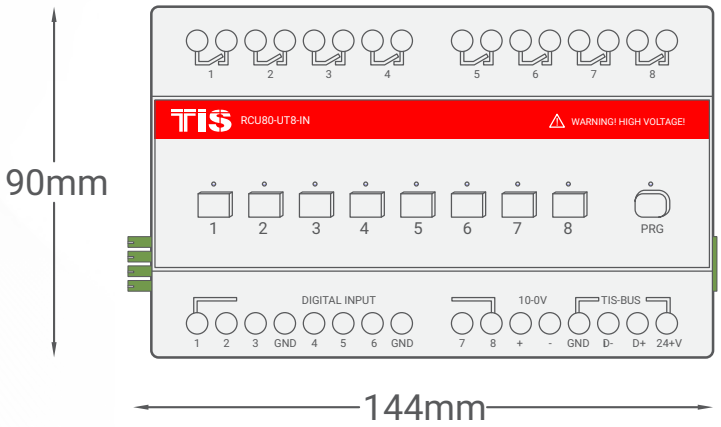
TIS RCU MODULE

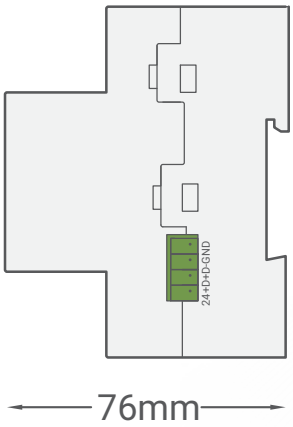
Room Control Unit with 8 Channels

Model: RCU-8OUT-8IN

PRODUCT SPECIFICATIONS

	Functions	Lighting control ON/OFF Dimming	8 separately controllable channels
		Curtain control	Can set 4 group of curtains open/close
		Fan speed control	Can set 2 group of fan speed options (low, med, high)
		Dimming	Ch 8 used with 0-10V output for dimming
		Scenes	8 different scenarios
		8 Digital inputs	Programmable inputs to connect to normal wall switches and sensors
	Weight	Without packaging	400g
	Dimensions	Width × Length × Height	144mm × 76mm × 90mm
	Housing	Materials	Fireproof ABS
		Casing color	Black Gray
		Button color	Silver
		IP rating	IP 20
	Temperature range	Operation	0…60°C
		Storage	-20…50°C
		Transport	-25…75°C
	Air humidity		<85% non-condensing





Copyright © 2022 TIS, All Rights Reserved
TIS Logo is registered trademark of TIS CONTROL .
All of the specification are subject to change without notice.

TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong