

Zelio[®] REG Temperature Controllers

Integrated functionality simplifies automation process temperature control.

Zelio[®] REG temperature controllers are a key component for a temperature regulation solution. Combining simplicity, performance and value, these cost-effective controllers can quickly interface with solid-state relays, electromechanical relays, PLCs, variable speed drives and HMI displays to regulate temperatures critical to heating and refrigeration applications. Typical installations can include industrial machines, plastic extrusion, conveyance, food and beverage, HVAC, packaging, and textile machinery.

With Modbus communications and many advanced functions integrated as standard features, these simple-to-use controllers require no additional options or add-ons for operation. This saves you time and money for selection, installation and operation. Zelio REG temperature controllers include almost all required user functions – there's no need to select and buy any add-ons or options.

The Zelio Relay product line encompasses a wide range of products ranging from basic to full-featured relays designed for industrial and general purpose product designs.



24 x 48 mm (1/32 DIN)

Cost-effective for basic temperature control needs.



48 x 48 mm (1/16 DIN)

Optimal balance of price and functionality.



96 x 48 mm (1/8 DIN)

Full-featured for maximum performance and function.

> Key Features:

- Modbus communication for easy data exchange with other automation products
- Simple parameter settings
- Flash memory (saves configurations)
- Compatible with a wide range of sensors
- Advanced functions (standard): PID, fuzzy logic, auto-tuning, soft start
- IP66 certification enables dust resistance

Make the most of your energySM

Schneider
Electric

24 x 48 size – 1/32 DIN Standard

Input type	Supply voltage	Number and type of outputs	Alarms	Communication on Modbus	Catalog Number
Thermocouple PT100 probe	100/240 VAC	1 electromechanical relay	No	Yes	REG 24PTP1RHU
		1 electromechanical relay	1	No	REG 24PTP1ARHU
		1 solid state relay	No	Yes	REG 24PTP1LHU
		1 solid state relay	1	No	REG 24PTP1ALHU
	24 VAC/VDC	1 analog interface (4-20 mA)	No	Yes	REG 24PTP1JHU
		1 electromechanical relay	No	Yes	REG 24PTP1RLU
		1 solid state relay	No	Yes	REG 24PTP1LLU
Voltage/ current	100/240 VAC	1 electromechanical relay	No	Yes	REG 24PUJ1RHU
		1 solid state relay	No	Yes	REG 24PUJ1LHU
	24 VAC/VDC	1 electromechanical relay	No	Yes	REG 24PUJ1RLU
		1 solid state relay	No	Yes	REG 24PUJ1LLU

48 x 48 size – 1/16 DIN Standard

Input type	Supply voltage	Number and type of outputs	Alarms	Communication on Modbus	Catalog Number
Universal	100/240 VAC	1 electromechanical relay	2	Yes	REG 48PUN1RHU
				No	REG 48PUNL1RHU
		2 electromechanical relays	2	Yes	REG 48PUN2RHU
		1 solid state relay	2	Yes	REG 48PUN1LHU
				No	REG 48PUNL1LHU
		1 solid state relay + 1 electromechanical relay	2	Yes	REG 48PUN2LRHU
		1 analog interface (4-20 mA)	2	Yes	REG 48PUN1JHU
	1 solid state relay + 1 analog interface (4-20 mA)	2	Yes	REG 48PUN2LJHU	
	24 VAC/VDC	1 electromechanical relay	2	Yes	REG 48PUN1RLU
		2 electromechanical relays	2	Yes	REG 48PUN2RLU
		1 solid state relay	2	Yes	REG 48PUN1LLU
		1 solid state relay + 1 electromechanical relay	2	Yes	REG 48PUN2LRLU
		1 analog interface (4-20 mA)	2	Yes	REG 48PUN1JLU
		1 solid state relay + 1 analog interface (4-20 mA)	2	Yes	REG 48PUN2LJLU

96 x 48 size – 1/8 DIN Standard

Input type	Supply voltage	Number and type of outputs	Alarms	Communication on Modbus	Catalog Number
Universal	100/240 VAC	1 electromechanical relay	3	Yes	REG 96PUN1RHU
				No	REG 96PUNL1RHU
		2 electromechanical relays	3	Yes	REG 96PUN2RHU
		1 solid state relay	3	Yes	REG 96PUN1LHU
				No	REG 96PUNL1LHU
		1 solid state relay + 1 electromechanical relay	3	Yes	REG 96PUN2LRHU
		1 analog interface (4-20 mA)	3	Yes	REG 96PUN1JHU
	1 solid state relay + 1 analog interface (4-20 mA)	3	Yes	REG 96PUN2LJHU	
	24 VAC/VDC	1 electromechanical relay	3	Yes	REG 96PUN1RLU
		2 electromechanical relays	3	Yes	REG 96PUN2RLU
		1 solid state relay	3	Yes	REG 96PUN1LLU
		1 solid state relay + 1 electromechanical relay	3	Yes	REG 96PUN2LRLU
		1 analog interface (4-20 mA)	3	Yes	REG 96PUN1JLU
		1 solid state relay + 1 analog interface (4-20 mA)	3	Yes	REG 96PUN2LJLU

Accessories

Description	For use with relays	Sold in lots of	Catalog Number
Bracket for mounting on DIN rail	24 x 48mm (1/32 DIN)	4	REG 24PSOC
Terminal block cover	48 x 48mm (1/16 DIN)	2	REG 48PCOV
	96 x 48mm (1/8 DIN)	2	REG 96PCOV

➤ Software available online (Zelio Soft)

For more information, visit us online at www.Schneider-Electric.us or talk to one of our experts at 1-888-778-2733.

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