

Zelio® REG Temperature Controllers

Competitive Comparison

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.

24 x 48 mm (1/32 DIN)

Cost-effective for basic temperature control needs.

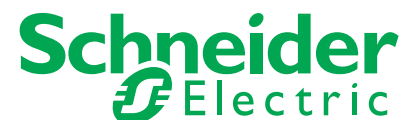
- > Present value & set value display
- > 24 VAC/VDC or 100 to 240 VAC power supply
- > Electromechanical relay, solid state relay and analog interface (4-20 mA) outputs available
- > 1 alarm
- > 500 ms sampling time
- > IP66 certification enables dust resistance



	Schneider Electric REG 24	Omron E5GN	Jumo ITRON	West 2300	Fuji Electric PXR3	
Product depth	97 mm	+	100 mm	100 mm	97 mm	
Ramps	8	+	Yes	Yes	None	Optional (8)
RS485 interface	Yes	+	Yes	Yes	Yes	Optional
Tuning	Auto & Self	+	Auto & Self	Self only	Self only	Auto & Self
PID	Yes	+	Yes	Yes	Yes	Yes
Fuzzy logic	Yes	+	Yes	No	No	Yes
Soft start function	No	+	No	No	No	No
Software	Yes	+	No	Yes	No	Yes

Comparison continues on the next page.

Make the most of your energySM



48 x 48 mm (1/16 DIN)

Optimal balance of price and functionality

- > Present value & set value display
- > 24 VAC/VDC or 100 to 240 VAC power supply
- > Electromechanical relay, solid state relay and analog interface (4-20 mA) outputs available
- > 2 alarms
- > 200 ms sampling time
- > IP66 certification enables dust resistance



	Schneider Electric REG 48	Omron E5CK	Jumo DTRON 316	West 6400	Fuji Electric PXG4	
Product depth	78 mm	+	100 mm	90 mm	110 mm	78 mm
Ramps	16	+	None (E5CK-T only)	8	16	Optional (16)
RS485 interface	Modbus	+	CompoWay/F	Modbus/ Profibus	Modbus	Optional (Modbus)
Tuning	Auto & Self	+	Auto & Self	Auto only	Auto only	Auto & Self
PID	Yes	+	Yes	Yes	Yes	Yes
Fuzzy logic	Yes	+	Yes	No	Yes	Yes
Soft start function	Yes	+	No	Yes	No	Yes
Software	Yes	+	No	Yes	Yes	Yes

96 x 48 mm (1/8 DIN)

Full-featured for maximum performance and function

- > Present value & set value display
- > 24 VAC/VDC or 100 to 240 VAC power supply
- > Electromechanical relay, solid state relay and analog interface (4-20 mA) outputs available
- > 3 alarms
- > 200 ms sampling time
- > IP66 certification enables dust resistance



	Schneider Electric REG 96	Omron E5EK	Jumo DTRON 308	West 6400	Fuji Electric PXG5	
Product depth	78 mm	+	100 mm	90 mm	110 mm	78 mm
Ramps	16	+	None (E5EK-T only)	8	16	Optional (16)
RS485 interface	Modbus	+	CompoWay/F	Modbus/ Profibus	Modbus	Optional (Modbus)
Tuning	Auto & Self	+	Auto & Self	Auto only	Auto only	Auto & Self
PID	Yes	+	Yes	Yes	Yes	Yes
Fuzzy logic	Yes	+	Yes	No	Yes	Yes
Soft start function	Yes	+	No	Yes	No	Yes
Software	Yes	+	No	Yes	Yes	Yes

> 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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