



### Main

Range of product	Zelio Control
Product or component type	Modular measurement and control relays
Relay type	Temperature control relays
Product specific application	Industrial machines Heating or cooling Packaging HVAC
Relay name	REG

### Complementary

Outer dimension	24 x 48 mm 1/32 DIN
Analogue input type	Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII) Temperature probe (temperature probe: Pt 100)
[Us] rated supply voltage	24 V AC/DC
Supply voltage limits	21.6...26.4 V
Measurement accuracy	0.5 % full scale
Sampling duration	500 ms
Number of outputs	1 relay output with C/O contact
Output type	Relay 220 V AC 3 A
Power consumption in VA	8 VA at 24 V AC/DC
Communication port protocol	Modbus
Method of access	Slave
Transmission frame	RTU
Physical interface	RS485 non isolated
Exchange mode	Half duplex
Transmission rate	9600, 19200 kbit/s
Function available	PID Hysteresis on-off Ramp 8 steps Auto tuning Fuzzy logic
Marking	CE
Operating position	Any position

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Display type	7 segments LCD
Display digits	4
Signalling function	Modbus alarm (AL2) with LED Setpoint value indicator (SV) with LED green Process output 1 active (C1) with LED red Process value with LCD display
Mounting support	Panel 35 mm symmetrical DIN rail

## Environment

Standards	CSA C22.2 No 24-93 EN 61326-1 EN 61010-1
Product certifications	CURus (873) GOST
Ambient air temperature for storage	-20...60 °C
Ambient air temperature for operation	-10...50 °C
Relative humidity	90 % without condensation
Operating altitude	2000 m
Storage altitude	0...3000 m
Vibration resistance	1 gn at 10...70 Hz conforming to IEC 60068-2-6
Shock resistance	5 gn conforming to IEC 60068-2-27
IP degree of protection	(front face) conforming to IEC 60529 (rear)
NEMA degree of protection	NEMA 4X (front face)

## Offer Sustainability

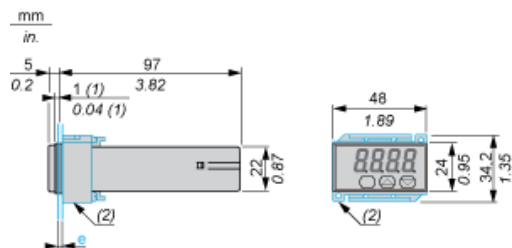
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available

## Contractual warranty

Warranty period	18 months
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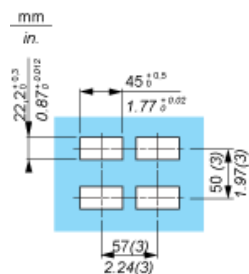
24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied



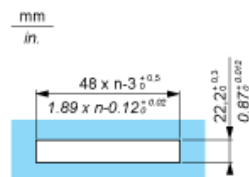
- (1) Seal
- (2) Fixing brackets supplied with REG temperature control relays.

Panel cut-out

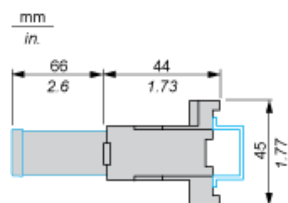


- (3) Minimum value.

Side stick mounting: n units (water-proof property lost in this case)



Mounting on DIN Rail with Accessory REG24PSOC



## Temperature Control Relays

### Wiring Diagram

