



## Main

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

## Complementary

Outer dimension	1/32 DIN 24 x 48 mm
Analogue input type	Current 4...20 mA Voltage 1...5 V
[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 solid state output
Output type	Solid state 24 V DC 20 mA
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	Hysteresis on-off PID Ramp 8 steps Fuzzy logic Auto tuning
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 61010-1 EN 61326-1
Product certifications	GOST CURus (873)
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

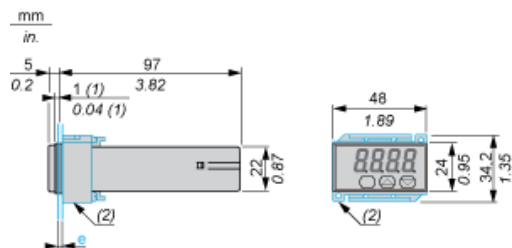
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available

## Contractual warranty

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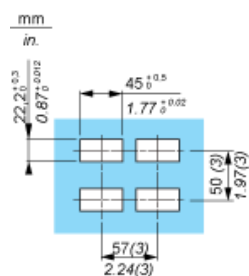
24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied



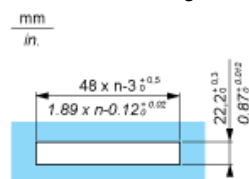
- (1) Seal
- (2) Fixing brackets supplied with REG temperature control relays.

Panel cut-out

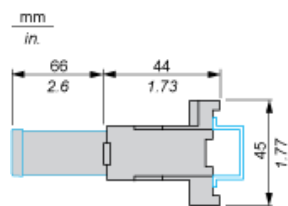


- (3) Minimum value.

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



Mounting on DIN Rail with Accessory REG24PSOC



Temperature Control Relays

Wiring Diagram

