

REG24PTP1ARHU

temperature control relay REG - 24 x 48 mm -
100..240 V AC - 1 relay C/O



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 HVAC Packaging Heating or cooling
Relay name	REG

Complementary

Outer dimension	1/32 DIN 24 x 48 mm
Analogue input type	Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII) Temperature probe (temperature probe: Pt 100)
[Us] rated supply voltage	100...240 V AC
Supply voltage limits	85...264 V
Measurement accuracy	0.5 % full scale
Sampling duration	500 ms
Number of outputs	1 relay output with C/O contact
Output type	Relay output at 220 V AC / 3 A
Alarm output	1 C/O
Power consumption in VA	6 VA at 100 V AC 8 VA at 240 V AC
Function available	Ramp 8 steps Fuzzy logic PID Auto tuning Hysteresis on-off
Marking	CE
Operating position	Any position

Display type	7 segments LCD
Display digits	4
Signalling function	Modbus alarm (AL2) with LED Output relay alarm (AL1) 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	EN 61326-1 EN 61010-1 CSA C22.2 No 24-93
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	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	IP20 (rear) IP66 (front face) conforming to IEC 60529
NEMA degree of protection	NEMA 4X (front face)

Offer Sustainability

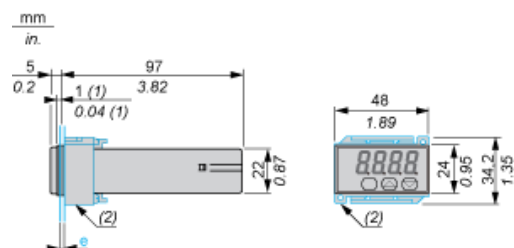
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
Product environmental profile	Available

Contractual warranty

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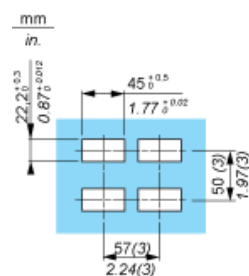
24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied



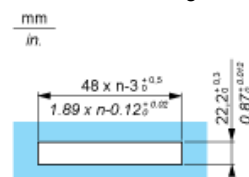
- (1) Seal
- (2) Fixing brackets supplied with REG temperature control relays.

Panel cut-out

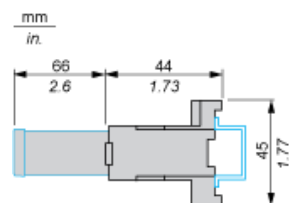


- (3) Minimum value.

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



Mounting on DIN Rail with Accessory REG24PSOC



Temperature Control Relays

Wiring Diagram