

Product data sheet

Specifications



temperature control relay REG - 96 x 48 mm - 100..240 V AC - 1 solid state relay

REG96PUNL1LHU

⚠ Discontinued on: Jan 6, 2016

⚠ Discontinued

Main

Range Of Product	Zelio Control
Product Or Component Type	Modular measurement and control relays
Relay Type	Temperature control relays
Product Specific Application	Packaging HVAC Heating or cooling Industrial machines
Relay Name	REG

Complementary

Outer Dimension	1/8 DIN 96 x 48 mm
Analogue Input Type	Temperature probe for Pt 100 Thermocouple for thermocouple J, K, R, B, S, T, E, N, PLII Current: 4...20 mA Voltage: 1...5 V Current: 0...20 mA Voltage: 0...0.1 V Voltage: 0...10 V Voltage: 0...5 V Voltage: 2...10 V
[Us] Rated Supply Voltage	100...240 V AC
Supply Voltage Limits	85...264 V
Measurement Accuracy	0.3 % full scale
Sampling Duration	200 ms
Number Of Outputs	1 solid state output
Output Type	Solid state 24 V DC 20 mA
Alarm Output	3 C/O
Power Consumption In Va	12 VA at 100...240 V AC
Function Available	Hysteresis on-off Fuzzy logic Manual operation Auto tuning PID Ramp 16 steps Soft start
Marking	CE
Operating Position	Any position
Display Type	7 segments LCD

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 Digits	4
Signalling Function	Setpoint value indicator (SV) LED green Process output 1 active (C1) LED red Process output 2 active (C2) LED red Process value indicator (PV) LED red Process value LCD display Setpoint value LCD display Alarm output 1 active (D01) LED Alarm output 2 active (D02) LED Alarm output 3 active (D03) LED
Mounting Support	Panel

Environment

Standards	EN 61326-1 CSA C22.2 No 24-93 EN 61010-1
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 (f= 10...70 Hz) conforming to IEC 60068-2-6
Shock Resistance	5 gn conforming to IEC 60068-2-27
Ip Degree Of Protection	IP66 (front face) conforming to IEC 60529 IP20 (rear)
Nema Degree Of Protection	NEMA 4X front face

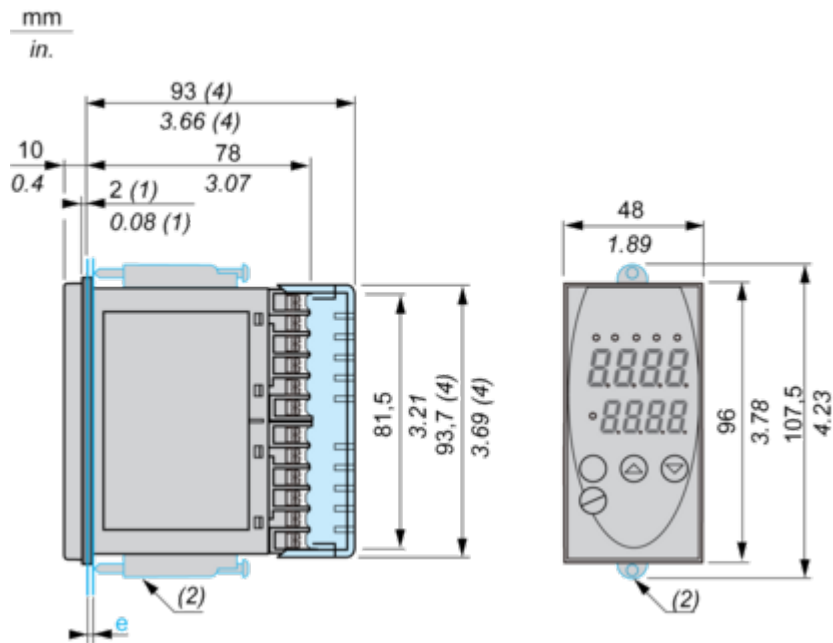
Contractual warranty

Warranty	18 months
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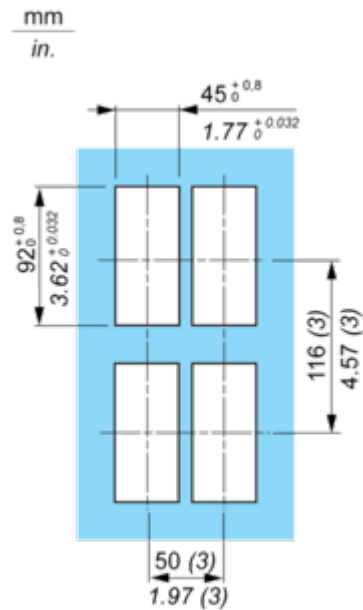
Dimensions Drawings

96 x 48 Size - 1/8 DIN Standard

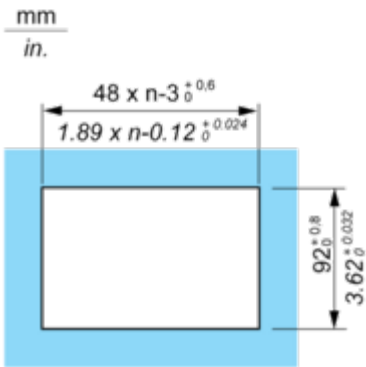
Panel Mounting: Bracket Supplied



- (1) Seal
 - (2) Fixing brackets supplied with **REG** temperature control relays.
 - (4) Terminal block cover, to be ordered separately.
- Panel cut-out



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



Connections and Schema

Temperature Control Relays

Wiring Diagram

