Product data sheet
Characteristics

REG96PUN2RLU
temperature control relay REG - 96 x 48 mm - 24 V AC/DC - 2 relays NO

Main

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

Complementary

Outer dimension	1/8 DIN 96 x 48 mm
Analogue input type	Voltage 2...10 V Voltage 1...5 V Voltage 0...5 V Voltage 0...10 V Voltage 0...0.1 V Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII) Temperature probe (temperature probe: Pt 100) Current 4...20 mA Current 0...20 mA
[Us] rated supply voltage	24 V AC/DC
Supply voltage limits	21.6...26.4 V
Measurement accuracy	0.3 % full scale
Sampling duration	200 ms
Number of outputs	2 relay output with NO contact
Output type	Relay output at 30 V DC / 3 A
Alarm output	3 C/O
Power consumption in VA	12 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	Auto tuning Fuzzy logic Hysteresis on-off Manual operation PID Ramp 16 steps Soft start
Marking	CE
Operating position	Any position
Display type	7 segments LCD
Display digits	4

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Signalling function	Alarm output 3 active (D03) with LED Alarm output 2 active (D02) with LED Alarm output 1 active (D01) with LED Setpoint value with LCD display Process value indicator (PV) with LED red Process output 2 active (C2) with LED red Process value with LCD display Process output 1 active (C1) with LED red Setpoint value indicator (SV) with LED green
Mounting support	Panel

Environment

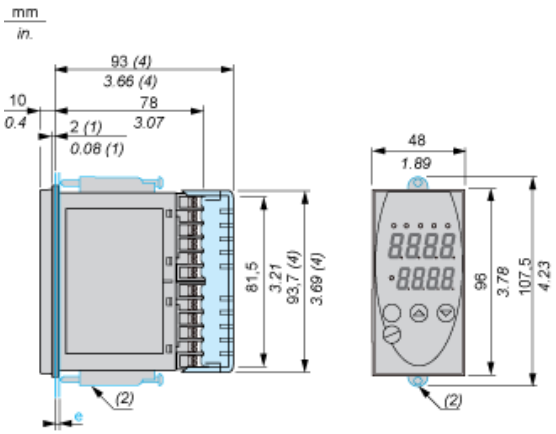
Standards	EN 61010-1 EN 61326-1 CSA C22.2 No 24-93
Product certifications	CURus (873) GOST
Ambient air temperature for storage	-20...60 °C
Ambient air temperature for operation	-10...50 °C
Relative humidity	90 % without condensation
Operating altitude	2000 m
Storage altitude	3000 m
Vibration resistance	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	IP66 (front face) conforming to IEC 60529 IP20 (rear)
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
Product environmental profile	Available

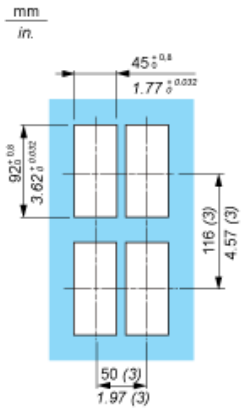
96 x 48 Size - 1/8 DIN Standard

Panel Mounting: Bracket Supplied



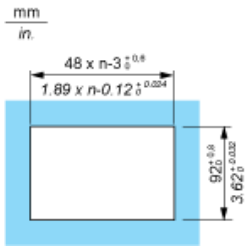
(1) Seal
(2) Fixing brackets supplied with REG temperature control relays.
(4) Terminal block cover, to be ordered separately.

Panel cut-out

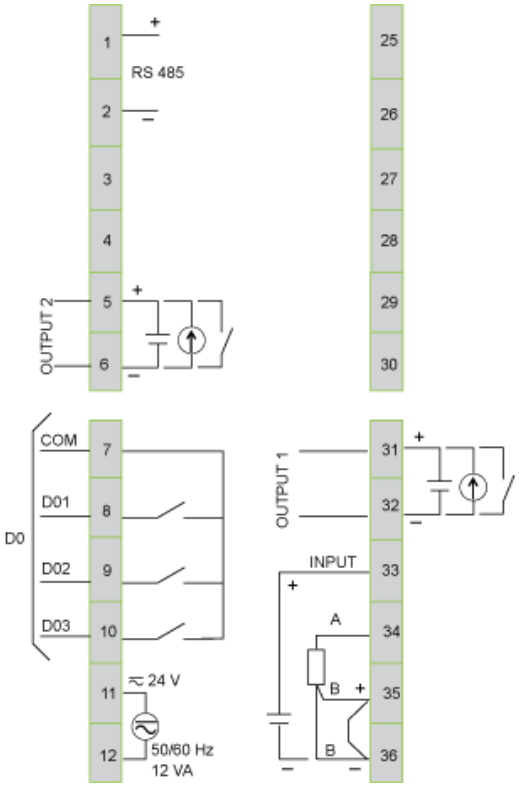


(3) Minimum value.

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



REG96PUN2RLU

Temperature Control Relays

Wiring Diagram