Product datasheet
Characteristics

REG48PUN2RHU

temperature control relay REG - 48 x 48 mm - 100..240 V AC - 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	Industrial machines Heating and cooling HVAC Packaging
Relay name	REG

Complementary

Outer dimension	1/16 DIN 48 x 48 mm
Analogue input type	Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII) Temperature probe (temperature probe: Pt 100) Current 0...20 mA Current 4...20 mA Voltage 0...0.1 V Voltage 0...10 V Voltage 0...5 V Voltage 1...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	2 relay output with NO contact
Output type	Relay output at 220 V AC / 3 A
Alarm output	2 C/O
Power consumption in VA	12 VA at 100...240 V AC
Communication port protocol	Modbus
Method of access	Slave

Mar 08, 2017

Life Is On | Schneider Electric

Transmission frame	RTU
Physical interface	RS485 non isolated
Exchange mode	Half duplex
Transmission rate	9600, 19200 kbit/s
Function available	PID Fuzzy logic Ramp 16 steps Manual operation Hysteresis on-off Auto tuning Soft start
Marking	CE
Operating position	Any position
Display type	7 segments LCD
Display digits	4
Signalling function	Setpoint value indicator (SV) with LED green Process output 1 active (C1) with LED red Process value with LCD display Alarm output 1 active (D01) with LED green Alarm output 2 active (D02) with LED green Process output 2 active (C2) with LED red Process value indicator (PV) with LED red Setpoint value with LCD display
Mounting support	Panel

Environment

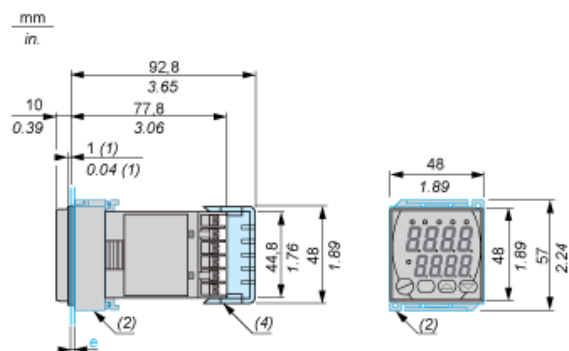|	
Standards	EN 61326-1 CSA C22.2 No 24-93 EN 61010-1
Product certifications	GOST CURus (873)
Ambient air temperature for storage	-20...60 °C
Ambient air temperature for operation	-10...50 °C
Relative humidity	90 % without condensation
Operating altitude	2000 m
Storage altitude	3000 m
Vibration resistance	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

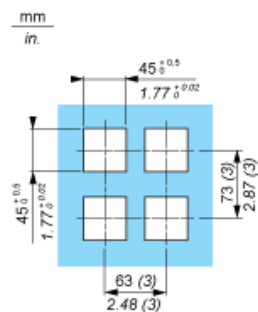## 48 x 48 Size – 1/16 DIN Standard

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)

REG48PUN2RHU

Temperature Control Relays

Wiring Diagram

Life Is On | Schneider Electric