

Product data sheet

Specifications



temperature control relay REG - 48 x 48 mm - 24 V AC/DC - 1 solid state relay

REG48PUN1LLU

⚠ 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	Industrial machines Packaging Heating or cooling HVAC
Relay Name	REG

Complementary

Outer Dimension	1/16 DIN 48 x 48 mm
Analogue Input Type	Temperature probe Pt 100 Thermocouple 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	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	1 solid state
Output Type	Solid state 24 V DC 20 mA
Alarm Output	2 C/O
Power Consumption In Va	12 VA 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Function Available	Soft start Ramp 16 steps Fuzzy logic Hysteresis on-off Manual operation PID Auto tuning
Marking	CE
Operating Position	Any position
Display Type	7 segments LCD
Display Digits	4
Signalling Function	Setpoint value indicator (SV) LED Green Process output 1 active (C1) LED Red Alarm output 1 active (D01) LED Green Alarm output 2 active (D02) LED Green Process output 2 active (C2) LED Red Process value indicator (PV) LED Red Process value LCD display Setpoint value LCD display
Mounting Support	Panel

Environment

Standards	EN 61326-1 EN 61010-1 CSA C22.2 No 24-93
Product Certifications	GOST cURus (873)
Ambient Air Temperature For Storage	-4...140 °F (-20...60 °C)
Ambient Air Temperature For Operation	14...122 °F (-10...50 °C)
Relative Humidity	90 % without condensation
Operating Altitude	6561.68 ft (2000 m)
Storage Altitude	0.00...9842.52 ft (0...3000 m)
Vibration Resistance	1 gn 10...70 Hz)IEC 60068-2-6
Shock Resistance	5 gn IEC 60068-2-27
Ip Degree Of Protection	IP66 IEC 60529 front face) IP20 rear)
Nema Degree Of Protection	NEMA 4X front face

Ordering and shipping details

Category	22380-RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
Gtin	3606480059964
Returnability	No
Country Of Origin	JP

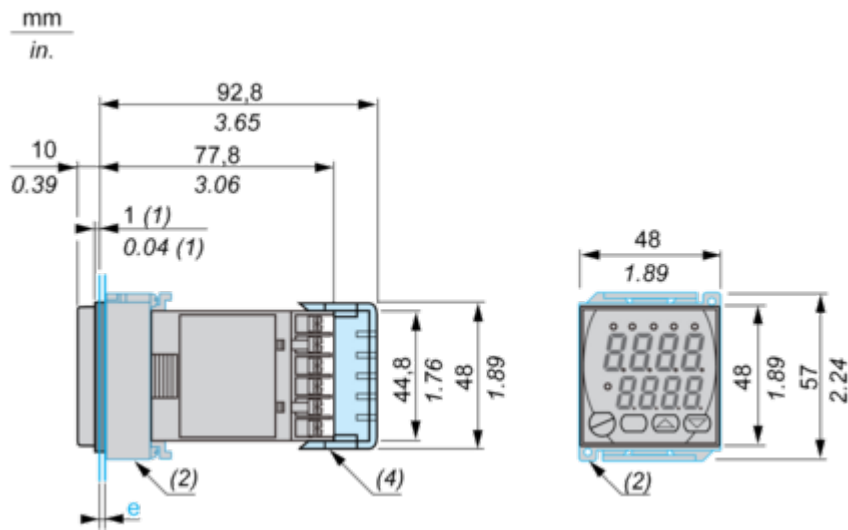
Contractual warranty

Warranty	18 months
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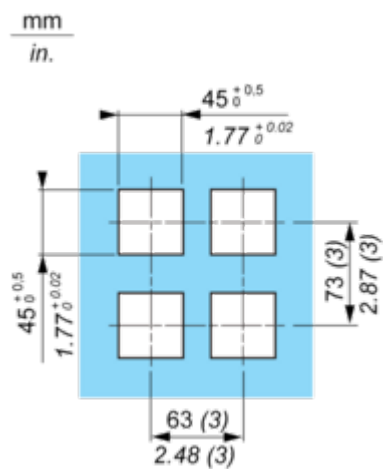
Dimensions Drawings

48 x 48 Size – 1/16 DIN Standard

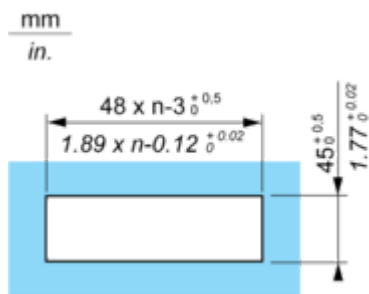
Panel Mounting: Bracket Supplied



- (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)



Connections and Schema

Temperature Control Relays

Wiring Diagram

