

REG24PTP1RLU

temperature control relay REG - 24 x 48 mm -
24 V AC/DC - 1 relay C/O

Main

Commercial Status	Commercialised
Range of product	Zelio Control
Product or component type	Modular measurement and control relays
Relay type	Temperature control relays
Product specific application	Heating or cooling HVAC Industrial machines Packaging
Relay name	REG
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 Pt 100
[Us] rated supply voltage	24 V AC/DC
Output type	1 relay C/O at 220 V AC / 3 A
Communication port protocol	Modbus

Complementary

Supply voltage limits	21.6...26.4 V
Measurement accuracy	0.5 % full scale
Sampling duration	500 ms
Power consumption in VA	8 VA at 24 V AC/DC
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 PID Ramp 8 steps
Marking	CE
Operating position	Any position
Local signalling	4 digits 7 segments red for process value 1 LED red for process output 1 active (C1) 1 LED green for setpoint value indicator (SV) 1 LED for Modbus alarm (AL2)
Mounting support	35 mm symmetrical DIN rail Panel

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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)

RoHS compliance

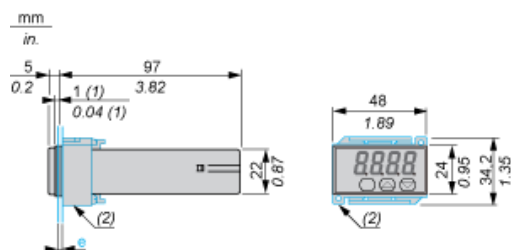
RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0940

Contractual warranty

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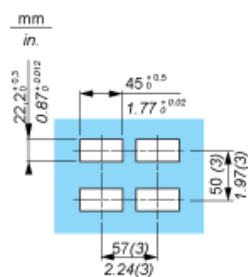
24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied



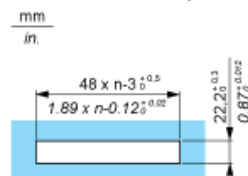
- (1) Seal
(2) Fixing brackets supplied with REG temperature control relays.

Panel cut-out

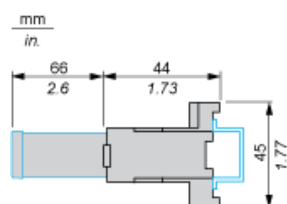


- (3) Minimum value.

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

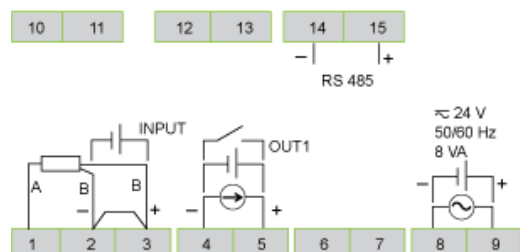


Mounting on DIN Rail with Accessory REG24PSOC



Temperature Control Relays

Wiring Diagram



Mouser Electronics

Authorized Distributor

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