

Product data sheet

Characteristics

REG24PTP1ARHU

temperature control relay REG - 24 x 48 mm -
100..240 V AC - 1 relay C/O

Product availability : Stock - Normally stocked in distribution facility

Price* : 186.00 USD



Main

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

Complementary

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 (temperature probe: Pt 100)
[Us] rated supply voltage	100...240 V AC
Supply voltage limits	85...264 V
Measurement accuracy	0.5 % full scale
Sampling duration	500 ms
Number of outputs	1 relay output with C/O contact
Output type	Relay 220 V AC 3 A
Alarm output	1 C/O
Power consumption in VA	6 VA at 100 V AC 8 VA at 240 V AC
Function available	Auto tuning Fuzzy logic Hysteresis on-off PID Ramp 8 steps
Marking	CE
Operating position	Any position
Display type	7 segments LCD
Display digits	4
Signalling function	Modbus alarm (AL2) with LED

Output relay alarm (AL1) with LED
Setpoint value indicator (SV) with LED green
Process output 1 active (C1) with LED red
Process value with LCD display

Mounting support 35 mm symmetrical DIN rail
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	-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...9842.52 ft (0...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	(Front face) conforming to IEC 60529 (Rear)
NEMA degree of protection	NEMA 4X (front face)

Ordering and shipping details

Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901918240
Nbr. of units in pkg.	1
Package weight(Lbs)	0.2899999999999998
Returnability	N
Country of origin	JP

Offer Sustainability

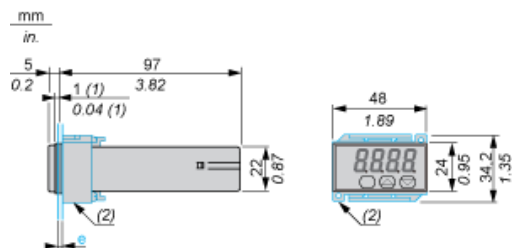
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available

Contractual warranty

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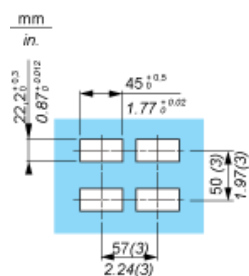
24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied



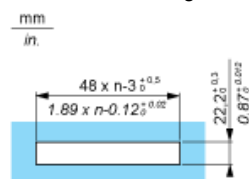
- (1) Seal
- (2) Fixing brackets supplied with REG temperature control relays.

Panel cut-out

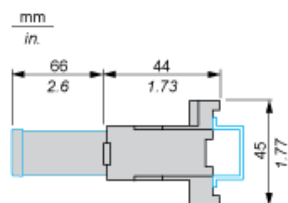


- (3) Minimum value.

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

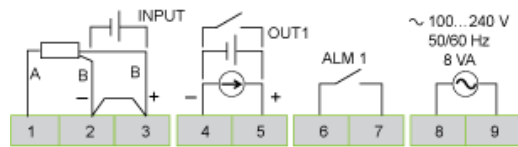
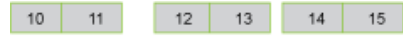


Mounting on DIN Rail with Accessory REG24PSOC



Temperature Control Relays

Wiring Diagram



Product Life Status

END OF COMMERCIALIZATION