

# Product data sheet

## Characteristics

# REG24PTP1JLU

temperature control relay REG - 24 x 48 mm - 24 V AC/DC - current 4..20 mA

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 219.00 USD



## 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

## 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	24 V AC/DC
Supply voltage limits	21.6...26.4 V
Measurement accuracy	0.5 % full scale
Sampling duration	500 ms
Number of outputs	1 analog output
Output type	Analog output / 4...20 mA
Power consumption in VA	8 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 PID Ramp 8 steps
Marking	CE
Operating position	Any position
Display type	7 segments LCD
Display digits	4
Signalling function	Process value with LCD display Process output 1 active (C1) with LED red Setpoint value indicator (SV) with LED green Modbus alarm (AL2) with LED
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	9842.52 ft (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)

## Ordering and shipping details

Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901667834
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	JP

## Offer Sustainability

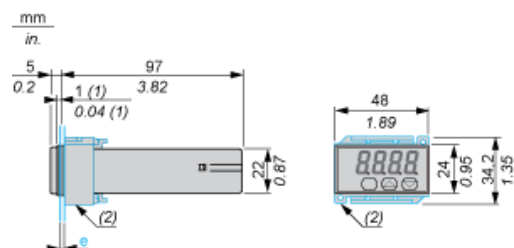
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available

## Contractual warranty

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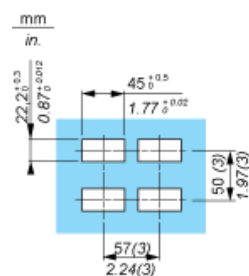
## 24 x 48 Size – 1/32 DIN Standard

### Panel Mounting: Bracket Supplied



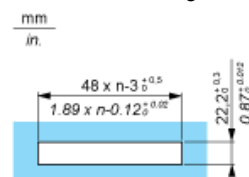
- (1) Seal
- (2) Fixing brackets supplied with REG temperature control relays.

### Panel cut-out

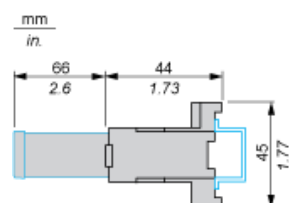


- (3) Minimum value.

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



### Mounting on DIN Rail with Accessory REG24PSOC



Temperature Control Relays

Wiring Diagram

