Product data sheet
Characteristics

REG24PUJ1LHU
temperature control relay REG - 24 x 48 mm - 100..240 V AC - 1 solid state relay

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

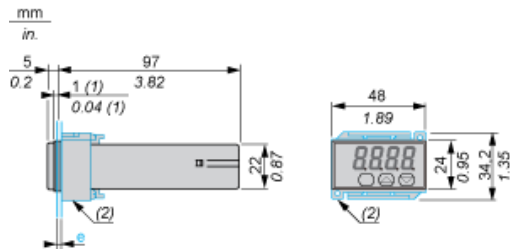|	
Outer dimension	1/32 DIN 24 x 48 mm
Analogue input type	Voltage 1...5 V Current 4...20 mA
[Us] rated supply voltage	100...240 V AC
Supply voltage limits	85...264 V
Measurement accuracy	0.5 % full scale
Sampling duration	500 ms
Number of outputs	1 solid state output
Output type	Solid state output at 24 V DC / 20 mA
Power consumption in VA	8 VA at 240 V AC 6 VA at 100 V AC
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	-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)

Offer Sustainability

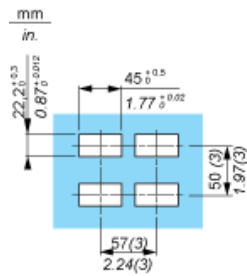|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity
Product environmental profile	Available

Schneider Electric

24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied
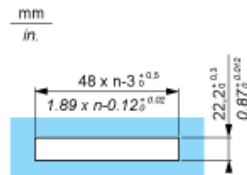

(1)   Seal
(2)   Fixing brackets supplied with REG temperature control relays.
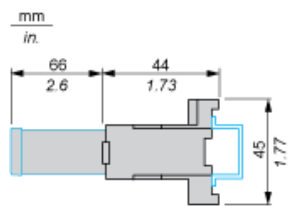
Panel cut-out

(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