Product data sheet
Characteristics

REG48PUN1RHU
temperature control relay REG - 48 x 48 mm - 100..240 V AC - 1 relay NO

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

Price* : 252.00 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	1/16 DIN 48 x 48 mm
Analogue input type	Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII) Temperature probe (temperature probe: Pt 100) Current 0...20 mA Current 4...20 mA Voltage 0...0.1 V Voltage 0...10 V Voltage 0...5 V Voltage 1...5 V Voltage 2...10 V
[Us] rated supply voltage	100...240 V AC
Supply voltage limits	85...264 V
Measurement accuracy	0.3 % full scale
Sampling duration	200 ms
Number of outputs	1 relay output with NO contact
Output type	Relay 220 V AC 3 A
Alarm output	2 C/O
Power consumption in VA	12 VA at 100...240 V AC
Communication port protocol	Modbus
Method of access	Slave
Transmission frame	RTU
Physical interface	RS485 non isolated

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Exchange mode	Half duplex
Transmission rate	9600, 19200 kbit/s
Function available	Auto tuning Fuzzy logic Hysteresis on-off Manual operation PID Ramp 16 steps Soft start
Marking	CE
Operating position	Any position
Display type	7 segments LCD
Display digits	4
Signalling function	Setpoint value indicator (SV) with LED green Process output 1 active (C1) with LED red Process value with LCD display Alarm output 1 active (D01) with LED green Alarm output 2 active (D02) with LED green Process output 2 active (C2) with LED red Process value indicator (PV) with LED red Setpoint value with LCD display
Mounting support	Panel
Type of output	Relay

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

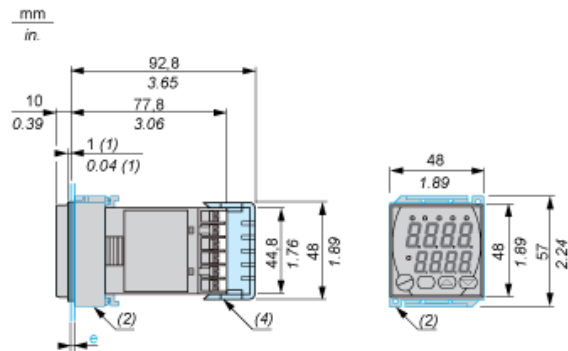|	
Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901676195
Nbr. of units in pkg.	1
Package weight(Lbs)	0.45000000000000001
Returnability	N
Country of origin	JP

Offer Sustainability

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

Life Is On Schneider Electric

Contractual warranty

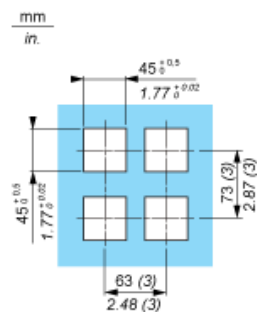| Warranty period	18 months

48 x 48 Size – 1/16 DIN Standard

Panel Mounting: Bracket Supplied
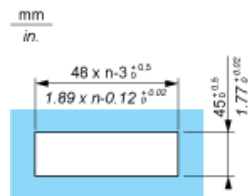

(1)   Seal
(2)   Fixing brackets supplied with REG temperature control relays.
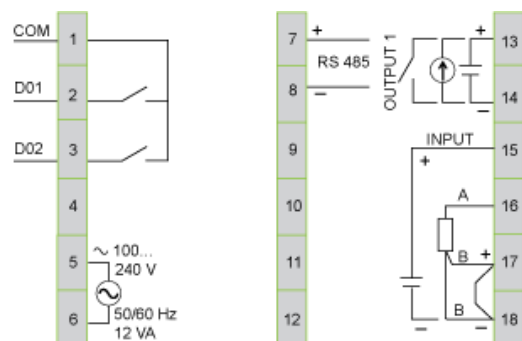(4)   Terminal block cover, to be ordered separately.

Panel cut-out

(3)   Minimum value.

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

REG48PUN1RHU

Temperature Control Relays

Wiring Diagram

Product Life Status	END OF COMMERCIALIZATION