Product data sheet
Characteristics

REG48PUN2RHU
temperature control relay REG - 48 x 48 mm - 100..240 V AC - 2 relays NO

Product availability: Stock - Normally stocked in distribution facility

Price*: 292.00 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 and cooling HVAC Industrial machines Packaging
Relay name	REG

Complementary

Outer dimension	1/16 DIN 48 x 48 mm
Analogue input type	Voltage 2...10 V Voltage 1...5 V Voltage 0...5 V Voltage 0...10 V Voltage 0...0.1 V Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII) Temperature probe (temperature probe: Pt 100) Current 4...20 mA Current 0...20 mA
[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	2 relay output with NO contact
Output type	Relay output at 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
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

Schneider Electric

Display digits	4
Signalling function	Setpoint value with LCD display Process value indicator (PV) with LED red Process output 2 active (C2) with LED red Alarm output 2 active (D02) with LED green Alarm output 1 active (D01) with LED green Process value with LCD display Process output 1 active (C1) with LED red Setpoint value indicator (SV) with LED green
Mounting support	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

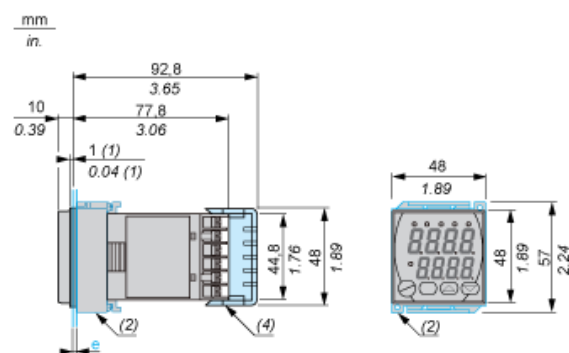| Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901676416
Nbr. of units in pkg.	1
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	JP

Offer Sustainability

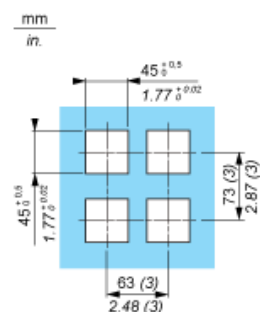| Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity
Product environmental profile	Available

Contractual warranty

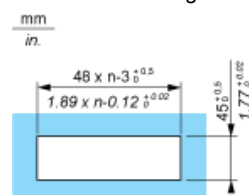| Warranty period	18 months

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)

REG48PUN2RHU

Temperature Control Relays

Wiring Diagram