RTC48PUN2RNHU

temperature control relay RTC - 48x48 mm - 100..240 V AC - 1 relay, alarms

Green Premium™ Product

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

Main

Range of product	Zelio Control
Product or component type	Modular measurement and control relays
Relay type	Temperature control relays
Product specific application	HVAC Industrial machines Heating or cooling Packaging
Relay name	RTC

Complementary

Outer dimension	1/16 DIN 48 x 48 mm
Analogue input type	Thermocouple (thermocouple J, K, R, B, S, T, E, N, PLII, C(W/Re5-26)) Temperature probe (temperature probe: Pt 100, JPt 100) Voltage 0…1 V DC Voltage 0...5 V DC Voltage 1...5 V DC Current 0...20 mA Current 4...20 mA Voltage 0...10 V DC
[Us] rated supply voltage	100...240 V AC
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Supply voltage limits	85...264 V
Measurement accuracy	0.2 % full scale
Sampling duration	250 ms
Number of outputs	1 relay output with NO contact output 1
Output type	Relay output at 250 V AC / 3 A on resistive load Relay output at 250 V AC / 1 A on inductive load
Alarm output	2 C/O
Power consumption in VA	<= 8 VA at 250 V AC
Function available	Auto tuning PID
Marking	CE
Operating position	Any position
Display type	11 segments LCD
Display digits	5
Signalling function	Process value green, orange and red Output status (OUT1, OUT2) orange Alarm status (EV1, EV2) orange Transmission/Reception activity (TX/TR) orange Setpoint value green
Mounting support	Panel
Product weight	4.23 oz (120 g)

Environment

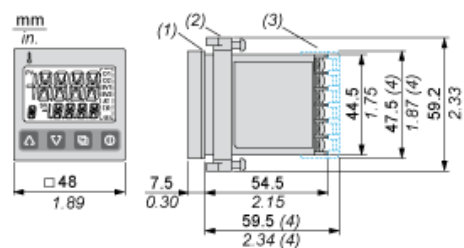|	
Standards	CSA C22.2 No 24-93 EN 61010-1 EN 61326-1
Product certifications	CURus (873)
Ambient air temperature for storage	-13...176 °F (-25...80 °C)
Ambient air temperature for operation	32...122 °F (0...50 °C)
Relative humidity	35...85 % without condensation
Vibration resistance	1 gn at 10...55 Hz conforming to IEC 60068-2-6
Shock resistance	10 gn conforming to IEC 60068-2-27
IP degree of protection	IP20 (rear) IP66 (front face) conforming to IEC 60529
NEMA degree of protection	NEMA 4X (front face)

Ordering and shipping details

Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901776000
Nbr. of units in pkg.	1
Package weight(Lbs)	0.26000000000000001
Returnability	N
Country of origin	JP

Offer Sustainability

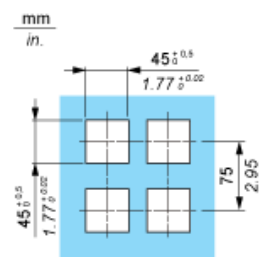|	
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1314 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

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48 x 48 Size – 1/16 DIN Standard

Panel Mounting : Mounting Frame Supplied
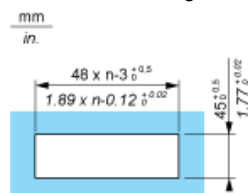

(1)   Gasket
(2)   Mounting frame
(3)   Terminal cover, to be ordered separately.
(4)   When Terminal cover (sold separately) is used
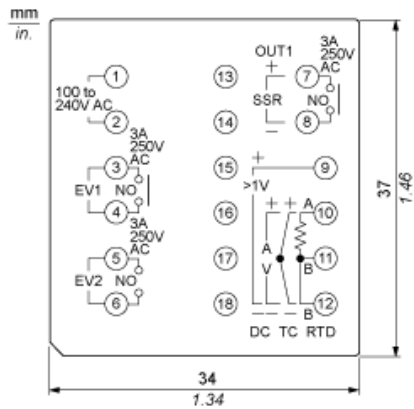
Panel cut-out

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

Wiring Diagram

EV : Alarm output
OUT :Control output
DC : DC current or DC voltage input
TC : Thermocouple input
RTD :Resistance temperature detector input
SSR :Solid State relay

Mouser Electronics

Authorized Distributor

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