

Product availability: Stock - 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	Packaging HVAC Industrial machines Heating or cooling
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	24 V AC/DC
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Supply voltage limits	20...28 V
Measurement accuracy	0.2 % full scale
Sampling duration	250 ms
Number of outputs	1 solid state output output 1
Output type	Solid state output at 12 V DC / 40 mA
Alarm output	1 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	EN 61010-1 EN 61326-1 CSA C22.2 No 24-93
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

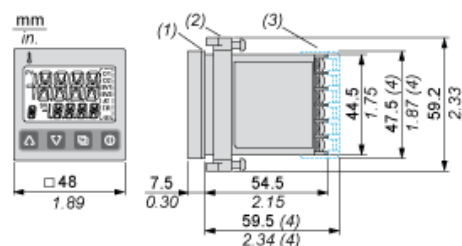
Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901976899
Nbr. of units in pkg.	1
Package weight(Lbs)	0.2999999999999999
Returnability	N
Country of origin	JP

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1314 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

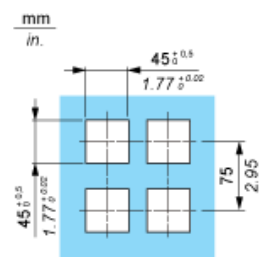
48 x 48 Size – 1/16 DIN Standard

Panel Mounting : Mounting Frame Supplied

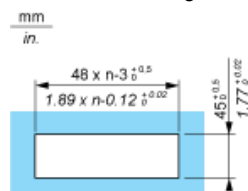


- (1) Gasket
- (2) Mounting frame
- (3) Terminal cover, to be ordered separately.
- (4) When Terminal cover (sold separately) is used

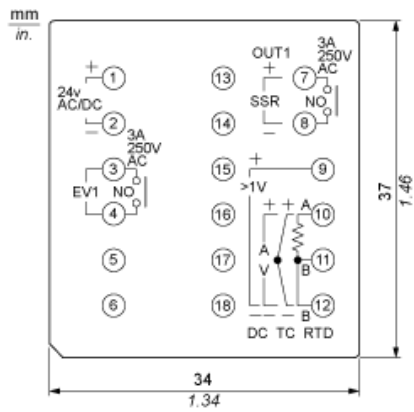
Panel cut-out



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

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