



Main

Range of Product	Zelio Control
Product or Component Type	Modular measurement and control relays
Relay Type	Temperature control relays
Product Specific Application	Industrial machines Heating or cooling HVAC Packaging
Relay name	REG

Complementary

Outer dimension	1/32 DIN 24 x 48 mm
Analogue input type	Temperature probe Pt 100 Thermocouple thermocouple J, K, R, B, S, T, E, N, PLII
[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 type	Solid state 24 V DC 20 mA
Power consumption in VA	6 VA 100 V AC 8 VA 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	Fuzzy logic Ramp 8 steps PID Auto tuning Hysteresis on-off
Marking	CE
Operating position	Any position
Display Type	7 segments LCD
Display digits	4
Signalling function	Setpoint value indicator (SV) LED Green Process output 1 active (C1) LED Red Modbus alarm (AL2) LED Process value LCD display
Mounting Support	Panel 35 mm symmetrical DIN rail

Environment

Standards	EN 61010-1 CSA C22.2 No 24-93 EN 61326-1
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	0.00...9842.52 ft (0...3000 m)
Vibration resistance	1 gn 10...70 Hz)IEC 60068-2-6
Shock resistance	5 gn IEC 60068-2-27
IP degree of protection	IP66 IEC 60529 front face) IP20 rear)
NEMA degree of protection	NEMA 4X front face

Ordering and shipping details

Category	22380 - RELAYS-MEASUREMENT (RM17-RM35)
Discount Schedule	CP2
GTIN	00785901593546
Nbr. of units in pkg.	1
Package weight(Lbs)	0.3 lb(US) (0.14 kg)
Returnability	No
Country of origin	JP

Packing Units

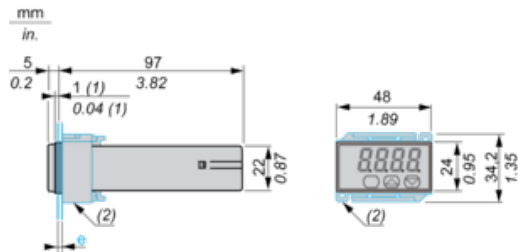
Package 1 Height	0.400 dm
Package 1 width	0.850 dm
Package 1 Length	1.610 dm

Contractual warranty

Warranty	18 months
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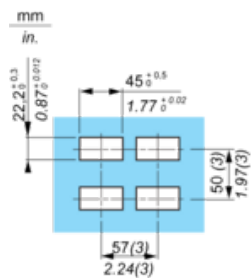
24 x 48 Size – 1/32 DIN Standard

Panel Mounting: Bracket Supplied

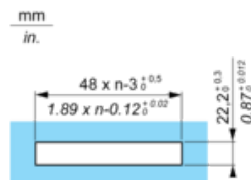


- (1) Seal
- (2) Fixing brackets supplied with REG temperature control relays.

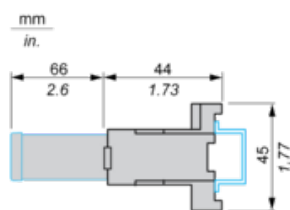
Panel cut-out



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

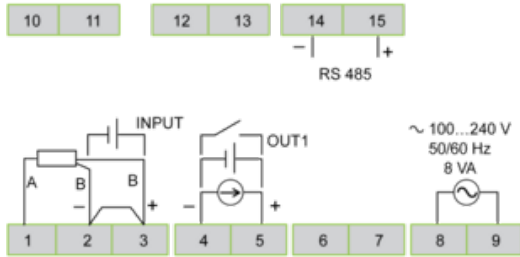


Mounting on DIN Rail with Accessory REG24PSOC



Temperature Control Relays

Wiring Diagram



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