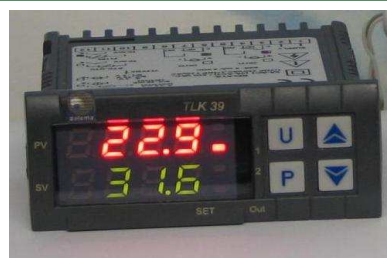


REG142 DIGITAL CONTROLLER AND METER

REG142 model has a digital microprocessor "single loop" function. ON/OFF, PID + AUTOTUNING control. Heating-cooling PID with neutral zone controller. Process values and setpoints are displayed at same time on twice red/green rows. Three setpoints available for command and/or alarm function, threshold hysteresis, manual limit reset enable. Two relays outputs or SSR. Open/Close selection for valves actuators application.



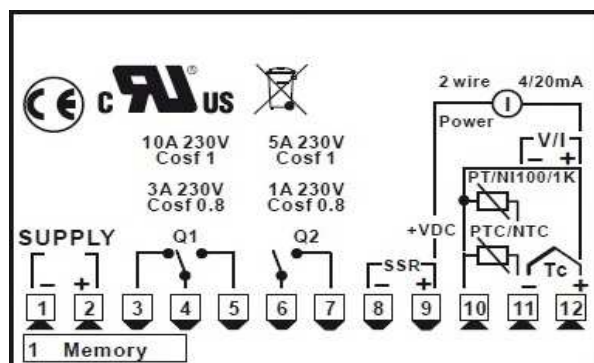
Models available:

REG142: 2 relays + SSR

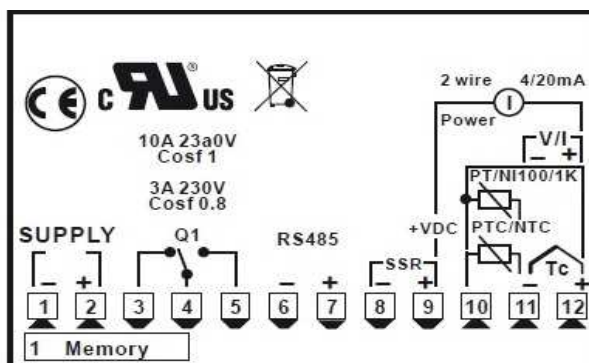
REG142S: 1 relay + SSR + RS485 ModBus RTU

TECHNICAL SPECIFICATIONS

Dimensions:	front 33x74 depth 58 mm
Power Supply:	24...230 Vac/Vdc - +/-15% - 4.6 VA - 2W
Display:	4 green digits (0.40 inch) + 4 red digits (0.30 inch), 6 LEDs, decimal point
Protection:	IP54 frontal (IP65 with optional gasket, IP30 box, IP20 terminal blocks)
Operative conditions:	0...40°C, 35...95%RH%
Input 1 selectable for:	termocouples type J, K, S, R, thermoresistances Pt100, PTC 1K, NI100, NTC 10k, PT500, PT1000
	standard analog signals 0/4...20 mA, 0/10V, 0/40 mV
	Potentiometers <= 6KOhm, <= 150kOhm
Output:	Control relay 8A, Alarm relay 5A - SSR command/alarm - Open/close logic, time proportioned
Serial Output:	RS485, Modbus RTU/Slave version T
Auxiliary power supply:	12Vdc 20mA max for sink sensors
Accuracy:	0.5% +/-1 digit for TC/RTD; 0.2% +/-1digit for mA, V
Sampling time:	15 ms
Configuration:	password protected
Memory card:	with/without battery
Special functions:	optionally TimerON/TimerOFF, Pause-Work timer (related to alarm relay)



REG142



REG142S



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