



Features:

- Dual display, 3 digit, 7 segment LED
- Input: TC(J/K), RTD (Pt-100/3w)
- PID Auto tune, ON-OFF,
- Control Output: Relay or SSR
- Single Alarm output

Technical Specifications:

DISPLAY

Digits	Dual display, 4 digit, 7 segment LED RP-508-A & RP-508-B Upper display: .80" Red LED Indicate PV Lower display: .56" Red LED Indicate SV RP-508-C & RP-508-D Upper display: .39" Red LED Indicate PV Lower display: .27" Red LED Indicate SV
LED Indication	Output & Alarm

CONTROL ACTION

Control Action	PID or ON/OFF
Alarm Output Modes	High/low, Deviation high/low

GENERAL SPECIFICATIONS

Supply voltage	230V AC @ 50 Hz.
Power consumption	5 VA max @230V AC
Temperature Operating	0-50 °C
Temperature Storage	(-20°C) TO 70 °C
Humidity	95%RH

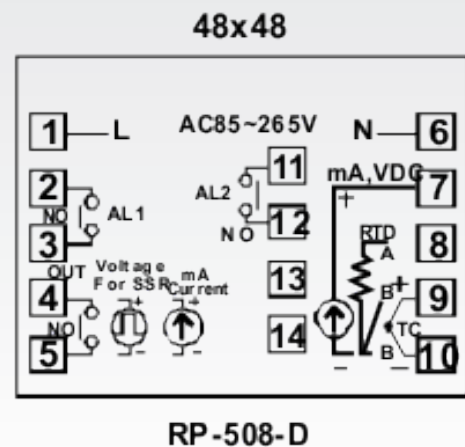
INPUT SPECIFICATION

Inputs	Thermocouple (J/K/R/S/B), RTD (pt-100/3w) 0-10VDC, 4-20 mA
Accuracy	(+/-) .3% of F.S. Range
Resolution	.1°C for RTD, 1°C for T/C
Sampling rate	250 ms

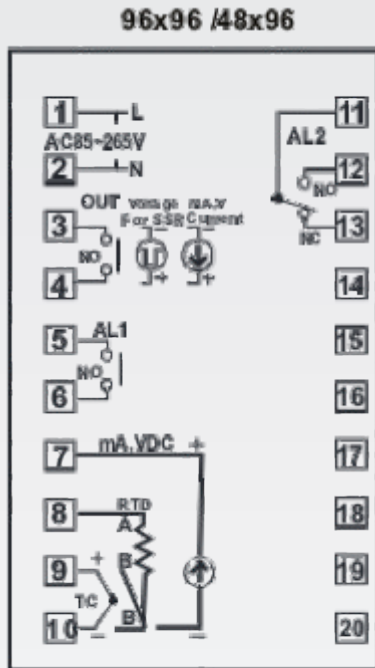
OUTPUT SPECIFICATION

Control output:	1 Nos. Relay, 5A@230V AC OR 1 Nos. SSR drives 9 VDC, 25 mA OR 4-20mA@300 ohms
Alarm output:	1 Nos. Relay, 5A@230V AC

CONNECTING DIAGRAM

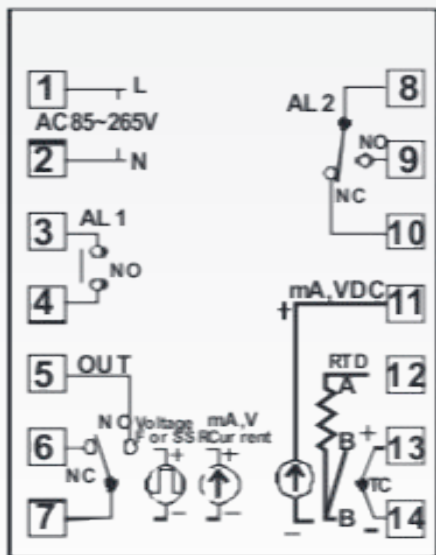


CONNECTING DIAGRAM



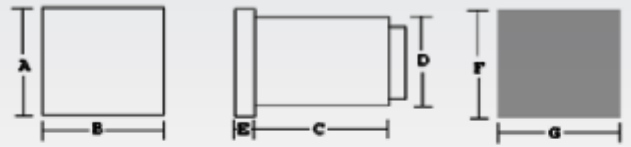
RP-508-A/RP-508-C

72x72



RP-508-B

DIMENSIONS



MODELS	DIMENSION	A	B	C	D	E	F	G
RP-508-A		96	96	85	90	14.6	92	92
RP-508-B		72	72	85	67.5	14.6	68	68
RP-508-C		48	96	85	90	14.6	44	92
RP-508-D		48	48	85	44	14.6	44	44

ALL dimensions are in mm

MODELS

SN	MODEL NO.	SIZE	OP1	AL1
1	RP-508-A-1	96X96X85	RELAY	RELAY
2	RP-508-B-1	72X72X85	RELAY	RELAY
3	RP-508-C-1	48X96X85	RELAY	RELAY
4	RP-508-D-1	48X48X85	RELAY	RELAY
5	RP-508-A-2	96X96X85	SSR	RELAY
6	RP-508-B-2	72X72X85	SSR	RELAY
7	RP-508-C-2	48X96X85	SSR	RELAY
8	RP-508-D-2	48X48X85	SSR	RELAY
9	RP-508-A-3	96X96X85	4-20 mADC	RELAY
10	RP-508-B-3	72X72X85	4-20 mADC	RELAY
11	RP-508-C-3	48X96X85	4-20 mADC	RELAY
12	RP-508-D-3	48X48X85	4-20 mADC	RELAY