



SRA 1RU THERMORAIL (LAE CONTROLLER)

Specifications

Dimensions: 482x88x42(1RU) (mm)
Power Supply: 230VAC±10%
Operating Temperature: -10°C ~ 50°C
Operating Humidity: 15 ~ 85 rH
Sensor Probe: cable length 1.65 metres
Display Resolution: 1 °C
Measuring Precision: $\pm 0.3^{\circ}\text{C}$
Temperature Controlling Range (Set point): 25°C ~ 50°C
Number of outlets: up to 4 fans can be controlled

Cooling Mode: If the probe temperature is higher than the Set Point (1SP) then the fan switches On. If the probe temperature is lower than the Set Point minus 5°C the fan switches Off.

Operation

Place the sensor probe in the desired location. It is recommended that it is placed in the hottest part of the cabinet.

▲ Plug the power cable into the IEC outlet on the thermorail.

Plug fans (up to 4) into the GPO outlets on the thermorail.

Setpoint (1SP)

- Press the \uparrow for at least half a second, to display the setpoint value
- By keeping button \uparrow pressed, use button \uparrow or \downarrow to set the desired value (adjustment is between 25°C ~ 50°C)
- When button \uparrow is released, the new value is stored

Configuration Parameters

- Setup menu is accessed by pressing buttons \uparrow + \boxtimes for 5 seconds
- With button \uparrow or \downarrow select the parameter to be modified
- Press button \uparrow to display the value
- By keeping button \uparrow pressed, use button \uparrow or \downarrow to set the desired value
- When button \uparrow is released, the newly programmed value is stored and the following parameter is displayed
- To exit from the setup, press button \boxtimes or wait for 30 seconds

The following configuration parameters are factory set and should not be changed, except for 1SP.

Parameter	Value	Description
SCL	1 °C	Readout scale
SPL	25°C	Minimum value for setpoint
SPH	50°C	Maximum value for setpoint
1SP	35°C	Setpoint
1Y	HY	Control mode
1HY	-5°C	Thermostatic differential (hysteresis)
1CT	10s	Cycle time
1PF	On	Output state in case of probe failure
BAU	Non	Stanby button not enabled
SIM	0	Display slowdown
OS1	0°C	Probe offset
ADR	01	PC address