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# MAXVU RAIL

MVR-1TM-ZRL-051U0
Limiter DIN Rail, 2 x Relay, Linear, 100-240V ac

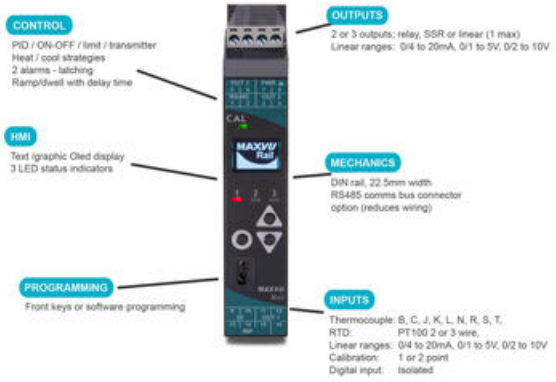
- Text / icon matrix display
- Universal input
- Up to 3 outputs - relay, SSR or linear
- Limit alarm plus warning, high/low or deviation
- RS485 Modbus RTU communications



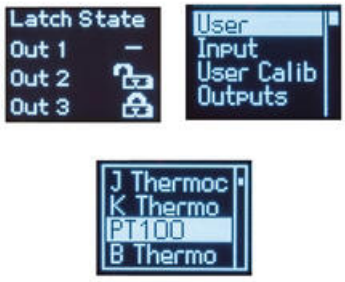

## PRODUCT DESCRIPTION

MaxVu Rail fills the gap for behind panel process devices. Based on a popular MaxVu panel mount controller the new DIN rail version is an affordable controller, limiter or transmitter suitable for many industrial and laboratory applications. A high contrast OLED display gives you clear character definition and a wide viewing angle for setup. It is incredibly easy to read whether it is located in strong sunlight or a dark control panel.
MaxVu Rail provides a wide range of options within the single family: a controller for temperature regulation, a transmitter for process monitoring and a limiter for machine protection. The devices can be used as standalone or integrated within a wider system via communications.
MaxVu Rail is the ideal temperature device for both OEM and end user applications.

## Key features



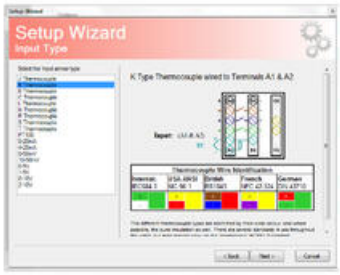

MaxVu Rail provides an affordable solution for applications needing essential temperature control.
Heated Enclosures - Kilns, Warming / Chilled Cabinets, Ovens, Incubators...
Plastic & Rubber Extrusion - Barrel Heating, Die Heating...
Food and Beverage - Temepring, Micro Brewing, Food Processing...
General Heat Processes - Fluid Baths, Heated Blocks, Trace Heating, Heat Presses, Thermal Bonding and many more.
MaxVu Rail is designed to save you installation time. It enables quick and easy set up with minimal steps via the short user menu. To simplify further, setup can also be carried out from a PC using MaxVu software connected via easy access configuration port. Logical tab driven interface offers a set up wizard for fast and simple configuration in multiple languages.



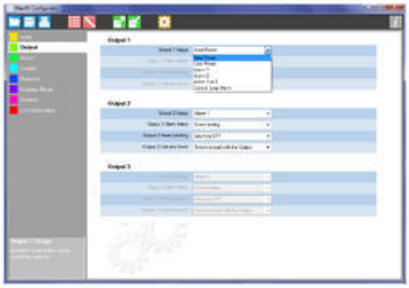

**Clear text/graphic display**

MAXVU Rail incorporates the latest Oled technology display for high contrast text/graphic display with a wide viewing angle, easily visible to configure in bright sunlight or a dark control panel.

Setup wizard provides step by step guidance to device configuration




Settings can be changed by drop-down menus or entering values



Allowable setting range is shown for guidance, with a help box for additional support

Simple icon driven taskbar and side tabs for all main funtions



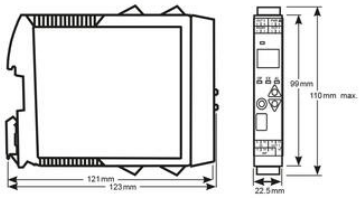
# TECHNICAL DATA

| | |
|---|---|
| **Alarms** | High/Low, Deviation, Band |
| **Analogue output** | 0/4-20mA, 0/1-5V, 0/2-10V |
| **Approvals** | CE, EMC, UL |
| **Calibration** | ±0,25 % of full scale ±1 °C |
| **Control mode** | PID or on/off |
| **Digital signal in** | Yes |
| **Frequency** | 50-60 Hz |
| **Galvanic isolation** | Between supply and input/output |
| **Indication** | Red LED for output status |
| **Input** | J, K, C, R, S, T, B, L, N thermocouple, PT100, Linear 4-20 mA, 0-10 V |
| **IP class** | IP20 |

| | |
|---|---|
| **Logic output** | 10 VDC max. 20 mA |
| **Moisture resistance** | 20-80% Rh, non condensing |
| **Mounting** | DIN rail |
| **Number of digits** | 4 |
| **Output** | C/O Relay, Relay, Analog |
| **Power consumption** | 9 VA |
| **Relay function** | 1x C/O, 1x NO |
| **Relay output** | 2 A, 250 VAC, resistive load |
| **Sampling** | 4/second |
| **Storage temperature max** | 80 °C |
| **Storage temperature min** | -10 °C |
| **Supply voltage** | 110-240 V AC |
| **Temperature operational max** | 55 °C |
| **Temperature operational min** | 0 °C |
| **Weight** | 200 g |



Dimensions






Dimensions

