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MAXVU RAIL

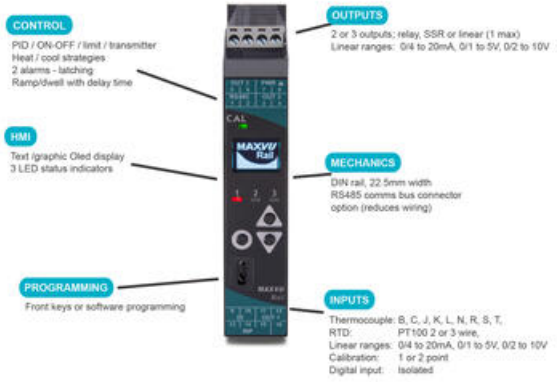
MVR-10L-ZAL-C51U0
Controller DIN Rail, Relay, SSR, Linear, RS-485, 24V ac/dc

- 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

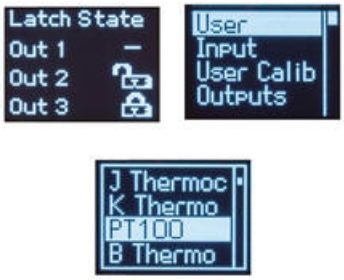
PRODUCT DESCRIPTION

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.

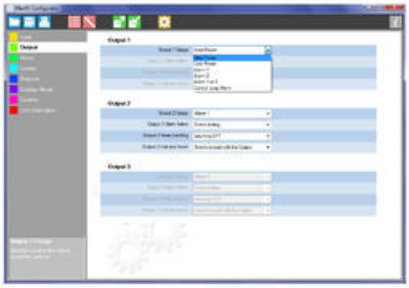


Clear text/graphic display

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

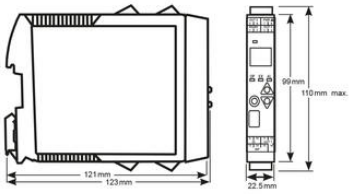
Simple icon driven taskbar and side tabs for all main funtions

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
Communication	RS485 Modbus RTU
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 / 5 W
Relay function	1x C/O
Relay output	2 A, 250 VAC, resistive load
Sampling	4/second
Storage temperature max	80 °C
Storage temperature min	-10 °C
Supply voltage	24 V AC/DC
Temperature operational max	55 °C
Temperature operational min	0 °C
Weight	200 g

Dimensions



Dimensions