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CAL MAXVU

MV-160L-AAO-C21U0
Temp. Controller 1/16 DIN, 2 x SSR O/P, RS485, 24V ac/dc



- High visibility 18mm display digits
- Quick setup menu
- Universal input
- Up to 3 outputs - relay or SSR
- Temperature/process controller

PRODUCT DESCRIPTION

MAXVU has been designed to offer essential temperature control in a device that's easy to install, fast to program and with improved display visibility.

MAXVU provides an affordable solution for applications where primary temperature control functions such as heat only or heat/cool are needed, it offers a universal input and up to 3 outputs with a choice of either relay or SSR.

Typical applications include packaging processes such as sealers and many more.

At a glance

- **1/8 DIN (96 x 48mm) and 1/16 DIN (48 x 48mm)**
- **Universal input**
- **Up to 3 outputs**
- **RS485 communications option**
- **Fast configuration**
- **Large clear display**

TECHNICAL DATA

Alarms	High/Low, Deviation, Band
Approvals	CE, CSA, EMC, UL
Calibration	±0.25% of full range ±1 LSD
Communication	RS485 Modbus RTU
Control mode	PID or on/off
Digit size	18 mm upper / 10.2 mm lower
Digital signal in	No
Frequency	50-60 Hz
Galvanic isolation	Between supply and input/output
Indication	Red LED
Input	J, K, C, R, S, T, B, L, N thermocouple, PT100, Linear 4-20 mA, 0-10 V
IP class	IP65
Logic output	>10 V DC @ 20 mA
Material protection	Polycarbonate
Moisture resistance	20% - 95% Rh, non condensing
Mounting	Panel mount
Number of digits	4
Operating voltage ac/dc max	26 V
Operating voltage ac/dc min	21 V
Output	2x Logic (SSR)
Panel size	48x48 mm
Power consumption	7.5 VA / 5 W

Relay function	SPST
Relay output	2 A, 250 V AC, resistive load
Sampling	4 times / second
Storage temperature max	80 °C
Storage temperature min	-20 °C
Supply voltage	24 V AC/DC
Temperature operational max	55 °C
Temperature operational min	0 °C
Weight	80 g















