

VME8001

1U 2 Slot VME64 Mini Crate



Features



- 19" x 1U enclosure
- 2 slot for 6U x 160mm VME modules
- 200W Power Supply
- Short circuit protection
- VME64 J1/J2 monolithic backplane
- Horizontal Ventilation (side to side)
- Powered by 100÷230 VAC, 50÷60 Hz

Description

The CAEN **Mod. VME8001** is a 2 slot VME crate, suitable for 6U x 160mm boards, with VME64 ventilation compliant backplane. The Unit is powered by 110 ÷ 240 Vac, 50 ÷ 60 Hz. The power distribution is 16A@+5V, 7A@+12V, 0.7A@-12V.

*Note: The VME8001 crate is not compatible with some CAEN digitizers. Please refer to this **FAQ** for more information.*

Technical Specifications

Mechanics

19" VME case, 2 slots 6U, 160mm VME boards

Dimensions

19" width , 1U height

Backplane

VME 2 slot monolithic backplane

Mains Input

100 Vac or 230 Vac, 50÷60 Hz

Output power

16A@+5V, 7A@+12V, 0.7A@-12V

Noise and ripple

- +5V: <20 mVpp;
- ±12V: <100 mVpp;

Maximum values, measured with external 100nF // 10µF capacitors and 20MHz bandwidth

Power requirements

310W at full load

Isolation

CE acc. to EN 61010

Operation

0÷50°C without derating

Ordering Options

Code	Description	
WV8001VME000	VME8001 - VME64 1U Mini crate, 2 Slot J1/J2, (5V 16A, +12V 7A, -12V 0.7A)	RoHS

Related Products

VX2740



64 Input Channel 16 bit 125 MS/s Digitizer

V2718



VME-PCI Optical Link Bridge

VME8004X



2U 4 Slot VME64X Mini Crate

V1718



VME-USB2.0 Bridge

VME8011



7U 21 Slot VME64 Low Cost Crate

VME8008B



4U 8 Slot VME64 Mini Crate

VX2745



64 Input Channel 16 bit 125 MS/s Digitizer with Programmable Input Gain

A2818



PCI CONET Controller

V2740



64 Channel 16 bit 125 MS/s Digitizer

VME8004B



2U 4 Slot VME64 Mini Crate

VME8010



7U 21 Slot VME64 Low Cost Crate

A3818



PCI Express CONET2 Controller

VME8008X



4U 8 Slot VME64X Mini Crate

V2745



64 Channel 16 bit 125 MS/s Digitizer with Programmable Input Gain

Gallery



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