

VME8004B

2U 4 Slot VME64 Mini Crate



Features



- 19" x 2U enclosure
- 4 slot for 6U x 160mm VME modules
- 365W Power Supply
- Short circuit protection
- VME64 J1/J2 monolithic backplane
- Horizontal Ventilation (side to side)
- Powered by 100 - 240 Vac (50 - 60 Hz)

Description

The CAEN **Mod. VME8004B** is a 4 slot VME crate, suitable for 6U x 160mm boards, with VME64 compliant backplane. The Unit is powered by 100 - 240 Vac (50 - 60 Hz). The power distribution is 25A@+5V, 10A@+12V, 10A@-12V. The VME8004B provides automatic daisy chain and supports CBLT data cycles.

Technical Specifications

Mechanics

19" x 2U enclosure, depth: 290mm, weight: 5.5kg; 4 slots 6U, 160mm VME boards

Mains input

100 - 240 Vac (50 - 60 Hz); C14 type inlet

Backplane

J1/J2; Automatic daisy chain, CBLT compliant

Max Total Output Power

365 W

Output power

25A@+5V, 10A@-12V, 10A@+12V; 25A@+3.3V (VME8004X, VME8008X only)

Power Requirements

465W

Load Regulation

< 1 % for 0-100% load change @ +5 V, < 1 % for 0-100% load change @ ±12 V

Noise and ripple (backplane connector)

+5V: 10 mVpp; ±12V: 20 mVpp. Measured on 100nF ceramic in parallel to 10µF electrolytic

Power supply type

ROAL RCB600 power supplies

Cooling Airflow

Horizontal Ventilation (side to side)

Ordering Options

Code	Description
WV8004BVME00	VME8004B - VME64 2U Mini crate, 4 Slot J1/J2,(5V 25A, +12V 10A, -12V 10A) RoHS

Related Products

VME8011



7U 21 Slot VME64 Low Cost Crate

VME8004X



2U 4 Slot VME64X Mini Crate

VME8004



2U 4 Slot VME64 Mini Crate

VME8008



4U 8 Slot VME64 Mini Crate

VME8008X



4U 8 Slot VME64X Mini Crate

VME8001



1U 2 Slot VME64 Mini Crate

VME8004B



2U 4 Slot VME64 Mini Crate

VME8010



7U 21 Slot VME64 Low Cost Crate

VME8008B



4U 8 Slot VME64 Mini Crate

VME8002



5U 9 Slot VME64 Mini Crate

Gallery



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