

# VME8004X

## 2U 4 Slot VME64X Mini Crate



## Features



- 19" x 2U enclosure
- 4 slot for 6U x 160mm VME modules
- 450W Power Supply
- Short circuit protection
- VME64x J1/J2/J0 monolithic backplane
- Horizontal Ventilation (side to side)
- Powered by 100 - 240 Vac (50 - 60 Hz)

## Description

The CAEN **Mod.VME8004X** is a 4 slot VME crate, suitable for 6U x 160mm boards, with VME64x compliant backplane. The Unit is powered by 100 - 240 Vac (50 - 60 Hz). The power distribution is 25A@+5V, 10A@+12V, 10A@-12V, 25A @3.3V. The VME8004X 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

VME64X J0/J1/J2, 4 slot Automatic daisy chain, CBLT compliant

### Max Total Output Power

450 W

### Output power

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

### Power Requirements

565W

### 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 supply

### Cooling Airflow

Horizontal Ventilation (side to side)

## Ordering Options

Code	Description
WV8004XVME00	VME8004X - VME64x 2U Mini crate,4 Slot J1/J0/J2, (5V 25A, +12V 10A, -12V 10A, 3.3V 25A) <span data-bbox="1401 253 1477 300">RoHS</span>

## Related Products

### VME8100



8U 21 Slot VME64/64X Enhanced Crate Series

### VME8004B



2U 4 Slot VME64 Mini Crate

### VME8200



9U 21 Slot VME64X Enhanced Crate series

### VME8011



7U 21 Slot VME64 Low Cost Crate

### VME8008



4U 8 Slot VME64 Mini Crate

# Gallery



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