

VME8011

7U 21 Slot VME64 Low Cost Crate



Features



- Low cost compact solution
- 19" x 7U (6+1) enclosure
- 21 slot for 6U x 160mm VME modules
- 470W Power Supply
- Pluggable Power Supply
- VME64 J1/J2 monolithic backplane
- Short circuit protection
- Over / Undervoltage protection
- Over temperature protection
- 1U space for Fan Unit
- Powered by 100÷230 VAC, 50 ÷ 60 Hz
- CBLT cycles supported

Description

The **Mod. VME8011** is a 21 slot VME crate, suitable for 6U x160mm boards, with VME64 compliant backplane. A 1U space is reserved for Fan Unit.

The Unit is powered by 100÷230 VAC, 50 ÷ 60 Hz. The Mod. VME8011 has a pluggable Power Supply.

The power distribution is +5V@60A, -12V@6 A, +12V@8.9A.

Technical Specifications

Mechanics

7U bin for 6U x 160 mm VME cards, 21 slots, 1U space for fan tray

Mains input

auto range: 100÷230 VAC, 47÷63 Hz, 400 Hz on request, inrush current: limited by cold-start-circuit, max. 20 A input current: CE acc. to EN 61000-3-2, IEC 555 power. fact. 0.95 (230 VAC)

Maximum Total Output Power

470 W @ 110 / 264 Vac

Main Fuse

F10 A, fast type

Output power

60 A @ +5 V, 6 A @ -12 V, 8.9 A @ +12 V

Isolation

CE acc. to EN 61010

Power requirements

645W at full load

Regulation

< 25mV for 0-100% load change

Efficiency

75% typical at 230Vac & 100% rated power

Noise and ripple

- +5V < 50mV
- +12V < 90mV
- -12V < 90mV
(measured at 90% of full load)

Overvoltage protection

Trip off at 120-130% of the nominal values

Over Current Protection

Trip off at 105-125% of the nominal values

Over Temperature Protection

Trip off all Output Voltages and PS internal fan

Operation

0÷50°C without derating

Cooling Airflow

408 m³/h (at maximum fan speed)

Ordering Options

Code	Description	
WV8011VME000	VME8011 - VME64 7U Low Cost crate, 21 Slot J1/J2, pluggable power supply, (5V 60A,-12V 6A,+12V 8.9A)	RoHS

Related Products

VME8004X



2U 4 Slot VME64X Mini Crate

VME8008X



4U 8 Slot VME64X Mini Crate

VME8001



1U 2 Slot VME64 Mini Crate

VME8004B



2U 4 Slot VME64 Mini Crate

VME8010



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