

Specifiche Tecniche

N° 1 powered VME-Crate (= VME-Crate + power supply (+fan))

General to all components

- Input voltage: 230V AC (tolerance 10%), 50Hz
- Fully mounted = ready to use
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Dimension(s)

Main Crate (standard 19" form factor)

- 6 VME height units (HU)
- 12 usable/free VME64 slots

Additional fans may not use more than 1HU and should be specifically designed to guarantee stable operation of the system for an ambient temperature range of (0 – 50) degree Celsius.

VME backplane

- 6HU
- 12 slots
- J1/J2-VME-Bus
- Automatic Daisy chaining
- Passive, In-Board-Termination

Voltage control

- Surveillance of over and under voltage
- Surveillance of internal (DC) and external voltages
- In case of error disconnect system from external voltage within less than 20ms

Power supplies

5V power supply

- Output voltage: 5V
- Output current (total): 12A
- Output current (single slot): min. 2.5A
- Efficiency: >30%

- Linearly regulated
- Ripple (100Hz): maximal 2 mVss
- Short circuit poof
- Thermic overload protection

12V power supply

- Two outputs
- Output voltage: 2 x 12V
- Output current: 2 x 2A
- Efficiency: >30%
- Linearly regulated
- Ripple (100Hz): maximal 5 mVss
- Short circuit poof
- Thermic overload protection

Il Responsabile del procedimento
Dott.ssa Alba Formicola

