NIM8302P

5U 5 slot 150 W Portable Crate

NIM Portable	7 (5 free)	270 mm
Package	No. of Slots	Width

The CAEN Mod. **NIM8302P** is a portable (5 slot free) non ventilated NIM crate provided with pluggable 150W power supply.
Safety features include: short circuit protection, Over/Undervoltage protection, Over temperature protection. The Unit is powered by 110 or 220 Vac, 50 ÷ 60 Hz. On the front panel the status of power supply is indicated by green/red LED.

Product Highlights

- Low cost compact solution
- 7 slot non-ventilated NIM bin (5 free slots)
- Equipped with long-life NIM connectors
- Over / Undervoltage protection
- 270 mm x 5U, 7 slot (5 free) enclosure
- Slot linear power supply (150 W)
- Short circuit protection
- Over temperature protection

Technical Specifications

Mechanics	270 mm x 5U, 7 slot (5 free), non ventilated; portable version; weight: 11kg
Mains input	230 VAC or 115 VAC, 50-60 Hz.
Maximum Total OutputPower	150 W
Fuse External	External 2 A, class T (230 VAC)
Power requirements	280W at full load
Output power	5 A @ ±6V 3 A @ ±12 V 1.5 A @ ±24 V
Isolation	CE acc. to EN 61010
Load Regulation	< 0.5 % for 10-100% load change, < 0.02 % for ±10% line change
Ripple	±6V < 5 mVpp ±12 V < 8 mVpp ±24 V < 10 mVpp
Transient response recovey	0.15 ms for recovery to ±1% of voltage for 10-100% load change
Output Impedance	0.6 mohm static
Output Voltage Characteristic	dual tracking for all ±DC outputsSoft startDC output calibration (manually)
Output Current Characteristic	OVC protection / Trip Off

CAEN
Tools for Discovery

Over Voltage Protection	Trip Off when the output voltage > 130% of nominal voltage
Under Voltage Protection	Trip Off when the output voltage < 70% of nominal voltage
Over Current Protection	Trip Off when current: >6A@+24V, >2A@-24V, >6A@+12V, >3.75A@ 12V, > 10A@±6V
Over TemperatureProtection	Trip Off when temperature > 75° C
Temperature sensors	nr.1
Status control	Fail/Status LED signal
Operation	0÷45°C without derating

Ordering Information

ORDERING CODE	DESCRIPTION
WNIM8302P150	NIM8302P/15 – NIM Portable crate, 5 slot, 150W (±6V 5A, ±12V 3A, ±24V 1,5A)

Related Products

A83PX — General Purpose 1U Mini Fan Unit

 — © 2026 CAEN S.p.A. All rights reserved. Specifications are subject to change without notice.