ORTEC

ORTEC 4002D

NIM bin power supply

Regulated power supply for NIM bins. Rated rail currents may be combined within the specified total DC power limit.



Maximum total DC output power
160 W; 0–50°C [1]

utputs and maximum current per rail
±6 V: 10 A; ±12 V: 3 A; ±24 V: .5 A [1]

Mains frequency
50–60 Hz [1]

Specifications

Maximum total DC output power	160 W; 0–50°C	[1]
utputs and maximum current per rail	±6 V: 10 A; ±12 V: 3 A; ±24 V: 1.5 A	[1]
Mains frequency	50–60 Hz	[1]
Nominal mains voltage	115 / 220 V AC	[1]
Noise and ripple	<6 mV peak-to-peak, observed on a 20 MHz bandwidth oscilloscope	[1]
Temperature coefficient	<0.02%/°C; 0–60°C	[1]
Compatible bin	4001A / 4001C (4001C recommended); not included with separate power supply	[1]
verload protection	Current foldback limiting and thermal shutdown	[1]

Sources

[1] **4002D 160-W Power Supply for NIM Bins ±6/±12/±24 V**
RTEC (AMETEK) · datasheet · p. 1, Specifications – Environmental; p. 1, Specifications – DC Outputs (table); p. 1, Specifications – Input · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.