

N-C-2030

19" and Desktop Crates in NIM Standard

- 19" and desktop versions
- 6 / 12 NIM slots
- 90 - 400 W power supplies
- linear regulated, low ripple and noise (< 3 mV)
- according NIM standard DOE/ER-0457T and IEC 801



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1 - GENERAL INFORMATION

iseg offers various types of NIM crates for different purpose and power ranges. Crates of N-C series (Albrecht) are available in 19" and desktop versions from 90 up to 400 W. WIENER offers a wide portfolio of NIM standard crates starting from 7 slot / 150W up to 12 slot / 600 W.

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- linear regulated, low ripple and noise (< 3 mV)
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1.1 - TECHNICAL DATA

Specifications	
Item code	N-C-2030
Supply	
Typ	AC
Input voltage max.	230V
Frequenz min. - max.	50Hz - 60Hz
Input power max.	300W
+/- 6V	10A
+/- 12V	2A
+/- 24V	2A
Ripple and noise [peak to peak] [f>10Hz]	3mV
Output impedance, output voltage	0.3 Ω for 0 ≤ f ≤ 100 kHz, adjustable by ca. 5%
Temperature	
Operation	0°C - 50°C
Temperature Coefficient	2 · 10 ⁻⁴ / K
Regulation	
V _{in}	1 · 10 ⁻⁴ · V _{nom}
Load change	1 · 10 ⁻³ · V _{nom}
Time	50 μsec to 0.1% for load change from 10% to 100%
Current limit	adjustable by rated current * 1.1 to 1.3 I _{max}
Long time stability	3 · 10 ⁻³ · V _{nom} - per 24 hours
Case	
Dimension L/W/H	19" / 5U / 520mm
Slots	
Quantity	12
Typ	NIM
Environmental conditions	
Cooling	Convection cooling, without fan
Protection	over load and short circuit protected
	The PS is temperature protected by thermostats. One is located near the capacitors and opens at 70 °C, (two are located at the heat sink (100 °C) only at the version N-C-2040) and another one is located in the mains-transformer.
	V _{out} shout off if P _{max} will be exceeded. (not implemented)

table 1 - Technical Data

2 - CONTACT

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