

# MOOG

## NF127-101A1 Series Rack Card Cage

### SPECIFICATIONS – NF120 SERIES CARDS\*

Power Supply: NF128-201	Four Channel Auxiliary Amplifier: NF123-158
Servoamplifier: NF122-202	Test Module DVM: NF123-202
Dual Servoamplifier: NE122-205-9	Relay Card: NF123-207
LVDT Exciter/Demodulator: NF123-204	Four Channel Permaset Relay Card: NF123-208
Dual Signal Conditioner: NF123-211	General Purpose Blank Card: NF123-201
Temposonics™ Signal Conditioner: NE124-204-X	Function Generator: F123-206
Ramp Generator: NF123-203	Cycle Counter: F124-203
Dual DC Level Detector/Comparator: NE123-212	Dither Generator: Integral on NF122-202

\* Modified versions of standard cards available.



The NF127-101A1 rack card cage is designed to accommodate NF120 Series cards and fits into standard 19" equipment racks or cabinets. This rack is a form-fit-function replacement for the F127-101A001.

The NF127-101A1 rack takes the hassles out of installing customized control systems. It is completely assembled with card guides and mating connectors installed for ten cards, one location being reserved for the power supply unit. Common power supply and ground pins on all our NF120 Series cards simplify the installation process. Each pin is connected to a terminal strip for easy access to external wiring. The backplane of the rack has large busses to distribute the power supply voltages and noise-free grounds. All controls and test points on the front panels of the individual cards are easily accessible when mounted in the NF127-101A1 card cage.

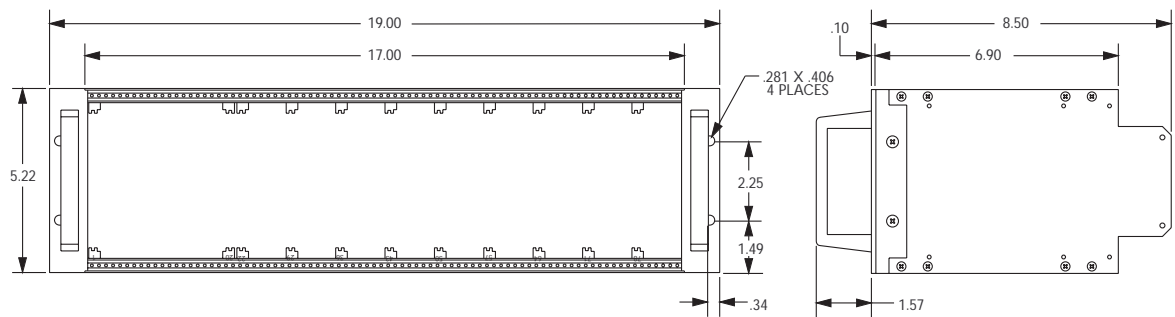
A wide selection of standard cards with analog control are available. The building block approach to the NF120 Series lets you add complexity to your application as it is required. Just plug the cards in, wire your specific point-to-point wiring, and go.

Call our Application Engineers for specification sheets on the NF120 Series cards, or for assistance in defining, specifying, or troubleshooting your control application. Modified versions of the standard cards are also available.

### FEATURES

- Standard 19" rack mount module cage
- One card location reserved for power supply (DIN 41612 style H)
- Nine card locations (DIN 41612 style C) 7 HP
- Terminal strip for main power supply connection (220/110 VAC)
- Terminal strip for output voltage of power supply  $\pm 15V$ ,  $\pm 24V$ , and  $5V$  (option)
- Nine 32 pin terminal strips, one for each card location
- Contact rating: 1 Amp/250 Volts

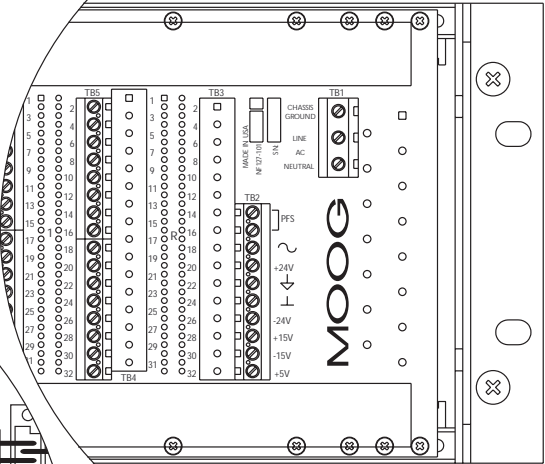
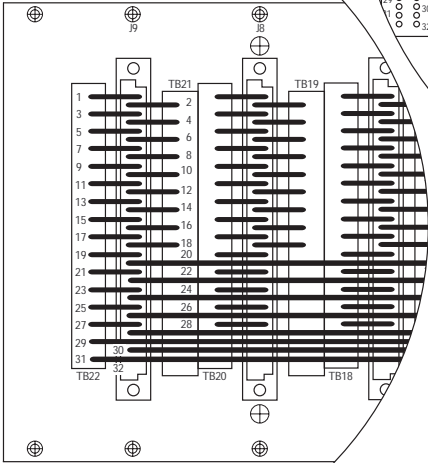
NF127-101A1 DIMENSIONAL DATA



CONNECTING DATA

PIN	
20	+24 V (UNREL)
22	SIG, COMMON
24	POWER COM. (GND)
26	-24 V (UN)
28	+15 V (REG)
29	+15 V (REF)
30	-15 V (REG)
31	-15 V (REF)
32	+5 V (REG)

BACK PLANE POWER DISTRIBUTION AND INTER CONNECTION DIAGRAM



The products described herein are subject to change at any time without notice, including, but not limited to, product features, specifications, and designs.

**MOOG**  
Industrial Controls Division  
Moog Inc., East Aurora, NY 14052-0018  
Telephone: 716/655-3000  
Fax: 716/655-1803  
Toll Free: 1-800-272-MOOG  
www.moog.com