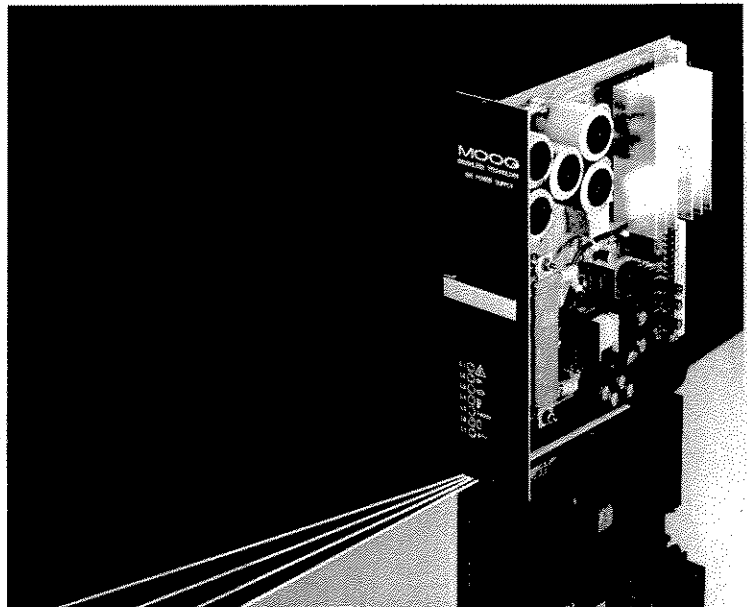


MOOG

T160 Series

Rack Mount Power Supply



CONTROLLER AND POWER SUPPLY SYSTEM FEATURES

- | | |
|---|---|
| Microprocessor Based | RS232/RS485 Serial Port |
| Standard Euro Rack (6U) 19 Inch Rack | Compact Size |
| 1, 2, 3, 4 or 6 Axes PCB Backplanes | 1 Phase or 3 Phase Operation |
| Simple Set-Up and Tuning with Hand Held Terminal | Direct 220 VAC Line Operation |
| PC Set-Up via "WinDrive" Graphical User Interface | Custom Configurations Available - Consult Factory |
| Software or "MOOGTERM" Software | |

POWER SUPPLY FEATURES

Multi-Axes Capability
Soft Start
Switching Logic Supply
Internal Shunt Regeneration
Fast Bus Discharge
External Logic Power (Option)
Quick Change Modular Construction
Logic Voltage Indicators

POWER SUPPLY PROTECTION

D.C. Bus Overvoltage
Over Temperature
Phase Loss
Regeneration Transistor Electronic Curcuit Breaker

SPECIFICATIONS

Input Supply:

1 Phase or 3 Phase, 50/60 Hz, 220 VAC $\pm 10\%$
24 VDC External Logic Power (-902)

Continuous Output:*

300 VDC, 7.5KW, 3 Phase
300 VDC, 2.5KW, 1 Phase
+5 VDC, 8A
 ± 15 VDC, 2A

Regeneration:

Internal:

- 40 Watt Continuous
- 2.5 KW Peak

External: (with optional resistor)

- 240 Watt Continuous
- 17.0 KW Peak

Operating Temperature:

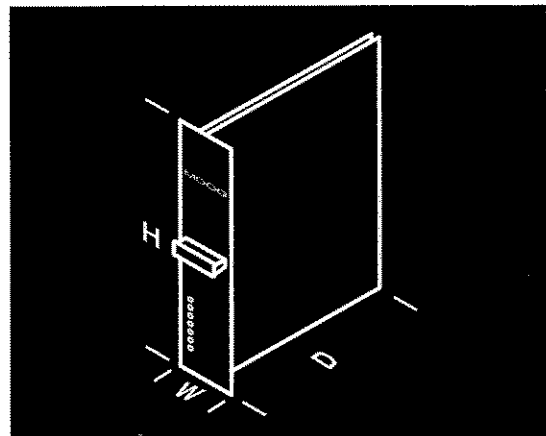
0° - 55°C ambient

Weight:

4.8 lbs. [2.2 kg] max

*NOTE:

Fan tray minimum 300 C.F.M. [8.49 Cubic Meters/Minute]
Total Required at 2.0 Inches Water Column [.469 kPa].
Refer to installation drawing for fan installation specifications.



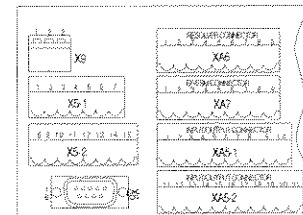
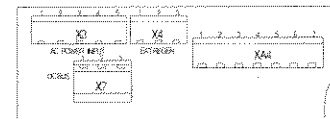
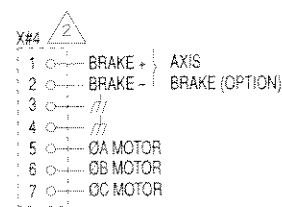
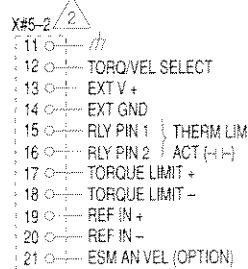
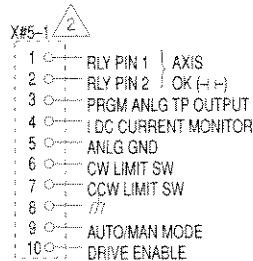
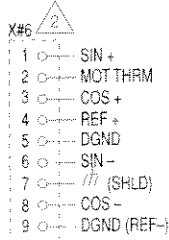
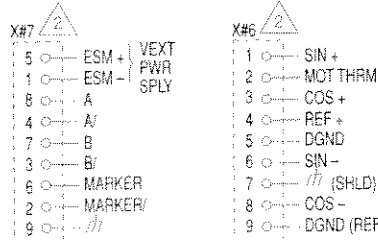
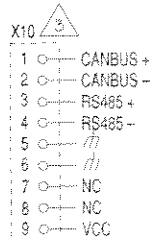
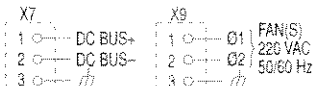
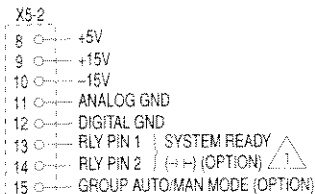
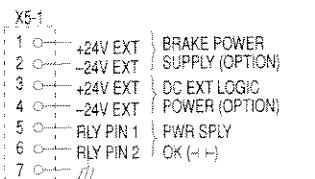
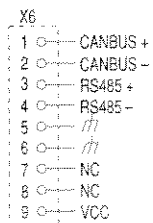
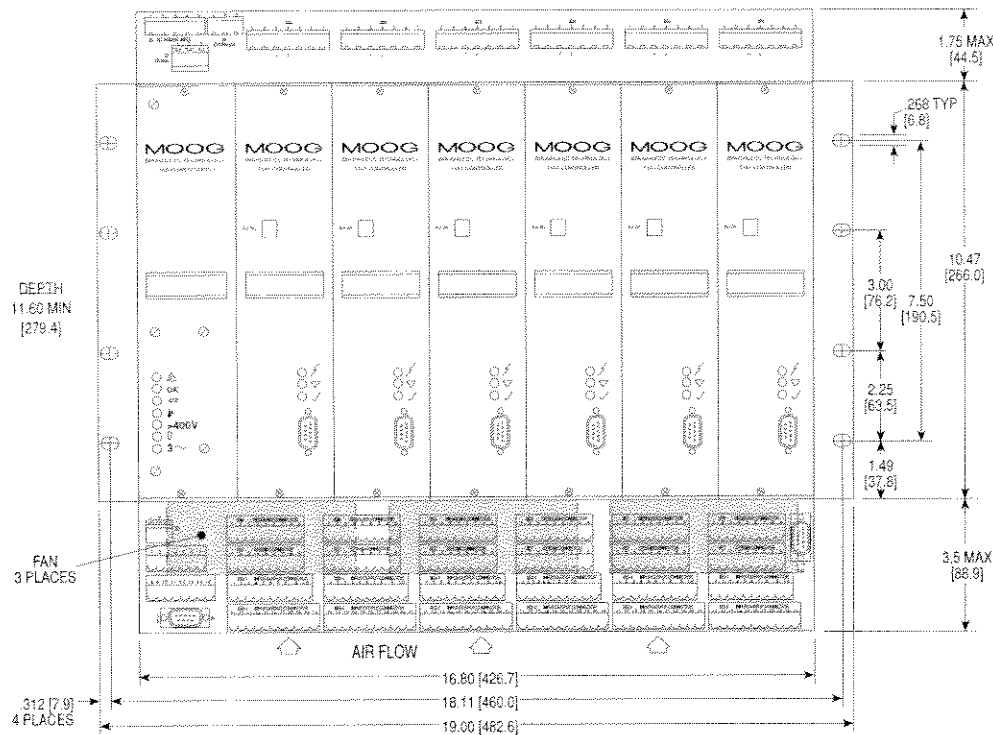
Model	Height	Width	Depth
TI60-901	10.35 in.	2.40 in.	9.75 in.
TI60-902	[262.9]	[61.0]	[247.7]

Model Number Definition:

	220 VAC	External Logic Power
TI60-901	•	
TI60-902	•	•

Unless otherwise specified, dimensions in brackets are in millimeters.

TOP/BOTTOM CONNECTION BACKPLANE INSTALLATION

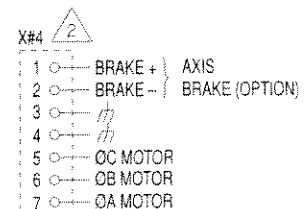
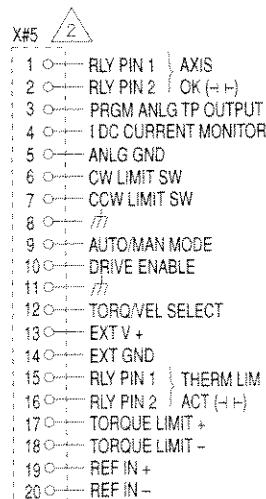
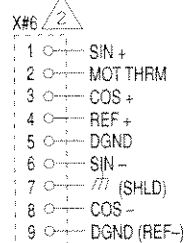
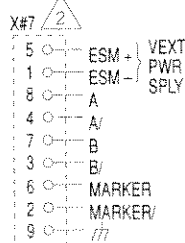
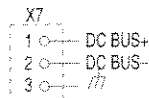
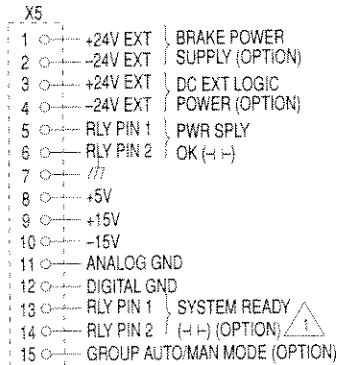
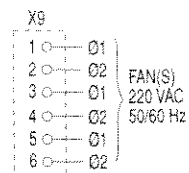
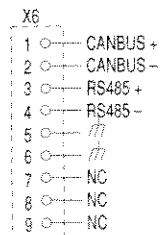
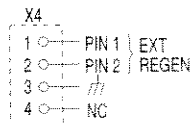
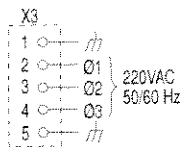
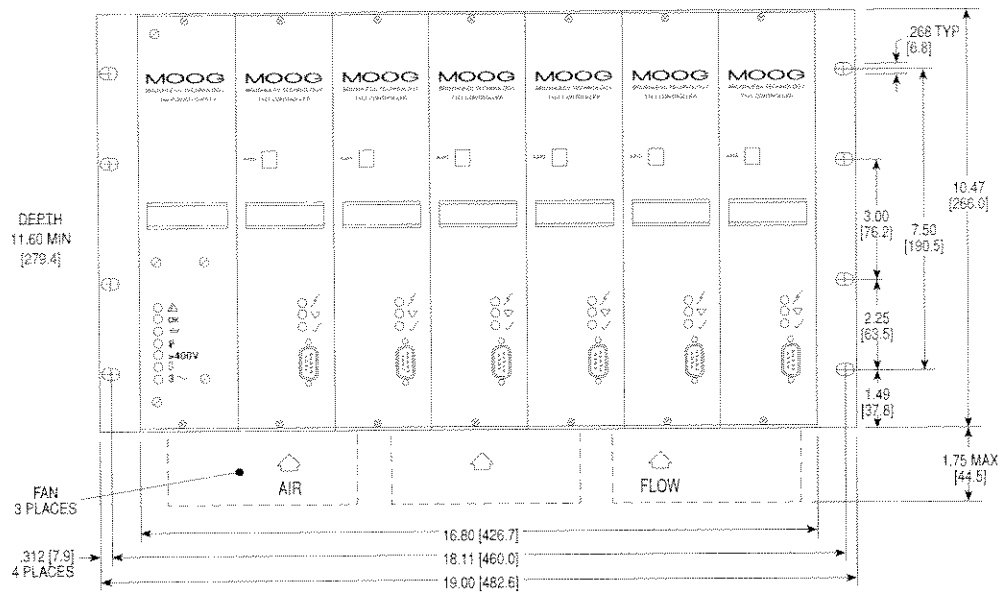


NOTES:

1. SYSTEM READY IS A FAULT INDICATOR FOR THE POWER SUPPLY AND ANY OF THE 6 CONTROLLER AXES (OPTION).
2. THESE CONNECTORS ARE IDENTICAL FOR EACH OF THE 6 CONTROLLER AXES.
EX. FOR AXIS A. X#1 = XA1
FOR AXIS B. X#1 = XB1
3. WHEN USING MULTIPLE RACK SYSTEMS REFER TO USER MANUAL FOR PROPER RS 485 TERMINATIONS.

Unless otherwise specified, dimensions in brackets are in millimeters.

REAR CONNECTION BACKPLANE INSTALLATION



NOTES:

- 1 SYSTEM READY IS A FAULT INDICATOR FOR THE POWER SUPPLY AND ANY OF THE 6 CONTROLLER AXES (OPTION).
- 2 THESE CONNECTORS ARE IDENTICAL FOR EACH OF THE 6 CONTROLLER AXES. EX. FOR AXIS A. X#1 = XA1 FOR AXIS B. X#1 = XB1

Unless otherwise specified, dimensions in brackets are in millimeters.

MOOG
North American Drives Operations

Moog Inc., East Aurora, NY, 14052-0018 • Telephone: 716/655-3000 • Fax 716/687-4870 • Toll Free: 1-800-272-MOOG