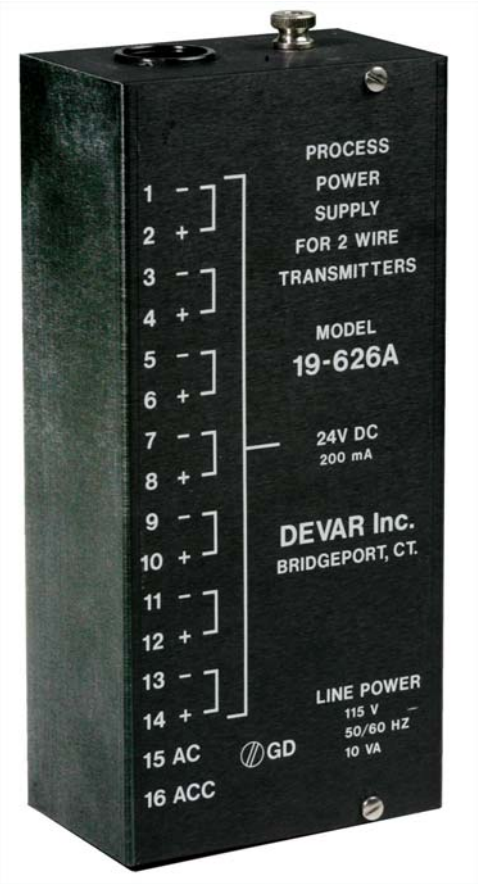
DEVAR Inc.

MODEL 19-626A

PROCESS POWER SUPPLY 24 VDC

- **10 CHANNEL CAPACITY (200 mA)**
- **TERMINAL BLOCK POWER DISTRIBUTION**
- **CURRENT LIMITING CIRCUIT**
- **115 VAC LINE POWER**
- **WORKING TEMPERATURE 0° TO 70°C**



GENERAL DESCRIPTION

The 19-626A Process Loop Power Supply is specially designed to supply 24 vdc power to two-wire process signal transmitter loops.

This power supply is normally connected in series with the field signal transmitter and receiving instrument to form a 4-20 mA control signal loop.

Seperate terminals are provided on the power supply to enable the user to conveniently distribute power to various loops.

Although only seven sets of terminals are provided, up to 10 loops (200 mA Max) may be powered simply by using 2 sets of wires on any given set of output terminals.

The 19-626A operates from 115 VAC 50/60 Hz, features current limiting, thermal overload protection, and less than 5 mV P-P of ripple.

SPECIFICATIONS 19-626A

INPUT:

Working Voltage	105 to 125 V RMS
Working Frequency	50 to 60 Hz
Power Drain	10 VA Max.
Transformer Isolation	1500 VAC

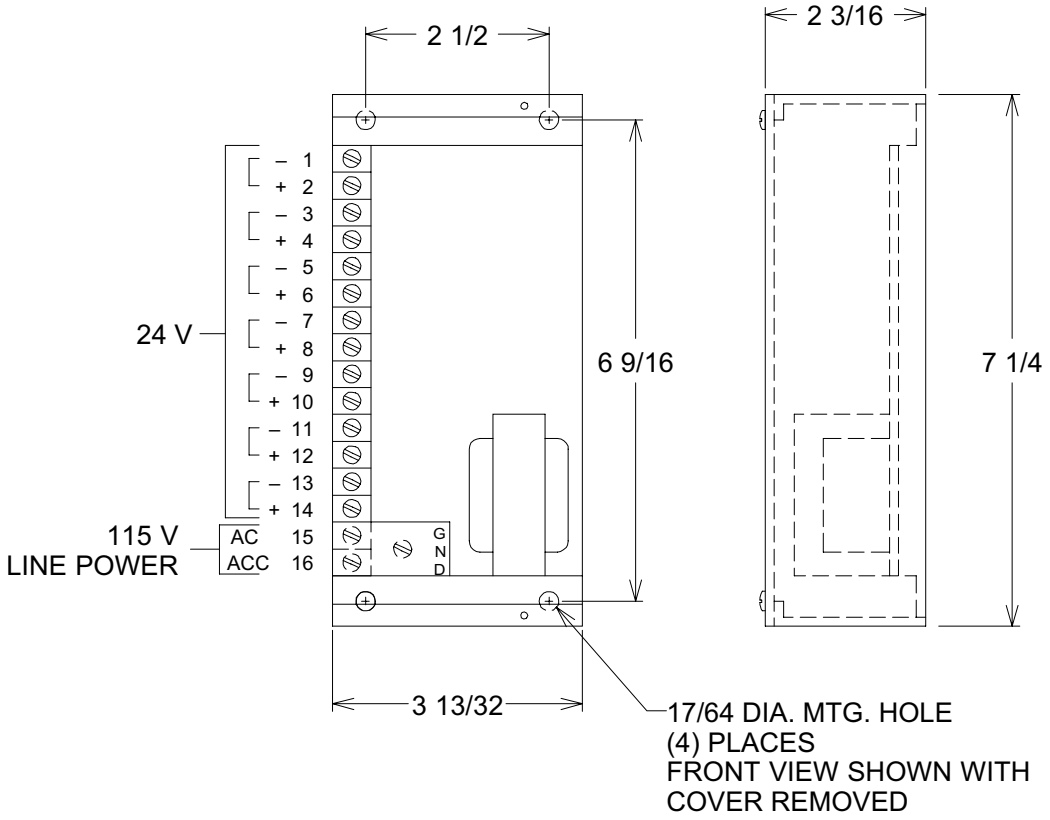
OUTPUT:

Voltage	24 VDC @100 mA Load
Rated Load	4 to 200 mA
Capacitance Load	any
Ripple Voltage	5 mV P-P Max.
Load Regulation (10 to 200 mA)	0.5%
Line Regulation (105 to 125 V RMS)	0.01% per volt line change Max.
Short Circuit Current	245 mA Typical

TEMPERATURE:

Thermal Drift Rate	0.02% per °C Max.
Working Temperature	0 to 70°C

GENERAL DIMENSIONS



DEVAR Inc.

706 Bostwick Ave., Bridgeport, CT 06605-2396
TEL: 203-368-6751, 1-800-566-6822
FAX: 203-368-3747
http://www.devarinc.com
e-mail: info@devarinc.com

BULLETIN 19626-11/94