

A

B

C

D

F2

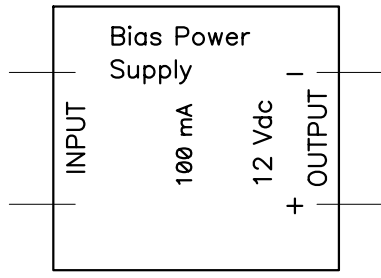
0.250A

Power Return

LOAD1

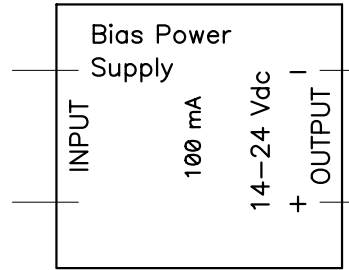
EE301xx/EE151xx

Optional Connection #1



Regulated

Main Power for regulated voltage, 12 Volts only, you will get better results if this supply is low noise and well regulated & adjustable.



Unregulated

Main Power for unregulated or regulated voltage 15-24 Volts

Typical 30 mA

Typical 12 volts +/- 100mV @ 25 mA

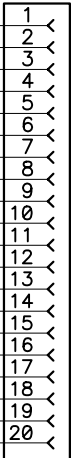
Optional Connection #2

Optional Connection #3

100 mA B1

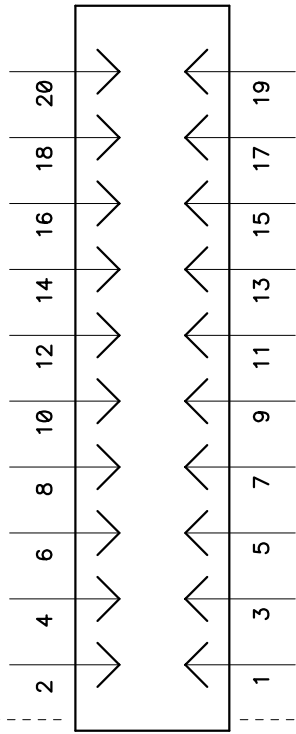
Batteries

Typical 30 mA

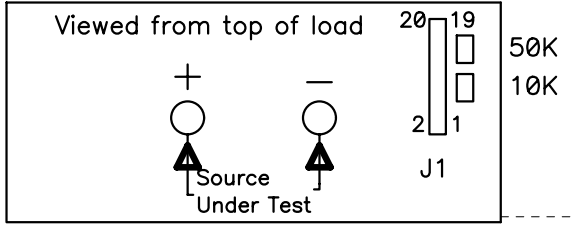


Master Load

Connector shown from top view. Pins shown as seen on electronic load.



Note J1 - Pin 2 and the (-) source under test are connected, never have current flowing through this path. All control signals should be connected to J1-pin 2. Only the source under test should be connected to the power test terminal (+) and (-).



NOTE: You can use any bias power supply for powering the electronic load. DC to DC converters will also work.

F2 should always be installed for protection of the Electronic Load.

You can run the Electronic Loads from any one of 3 different power sources. Only one power source is needed to run the Electronic Load.

Pin 4 input voltage, 30 Vdc Absolute Maximum

Pin 20 input voltage, 15 Vdc Absolute Maximum

[Http://www.EXEC-ENG.com](http://www.EXEC-ENG.com)

EXECUTIVE ENGINEERING		
Title Main Power & Optional Power for Loads		
Size A	Number EE301/151	Rev B
Date 6-15-2000	Drawn by D. WEBER	
Filename power-sup.SCH	Sheet 1 of 1	

A

B

C

D

1

2

3

4

1

2

3

4