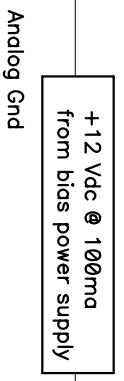


To opamp power



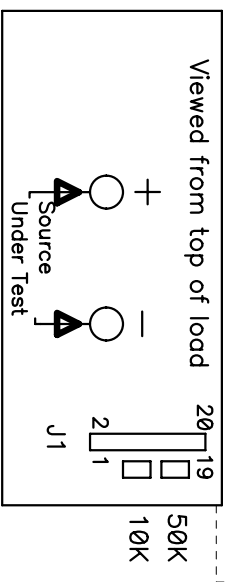
14 - 24 VOLTS  
POWER INPUT  
USE ONLY ONE BIAS SUPPLY  
THIS IS THE OPTIONAL INPUT

0 - 4 VOLTS = 0 - 20 AMPS  
Customer control of electronic load  
current from customer D to A

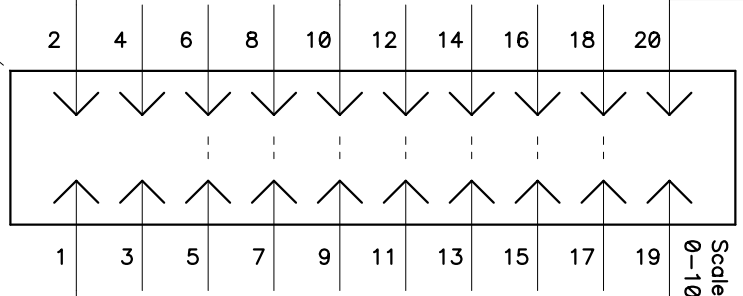
Analog / Bias Return  
GNDANALOG

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 (-).



+12 Vdc

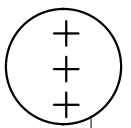


VOLTAGE MONITOR  
Scaled input of voltage  
0-100% = 0-5Vdc out

MODEL NUMBER  
EE15120A

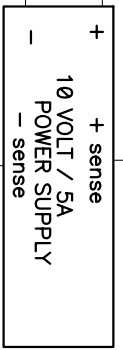
CURRENT MONITOR  
Scaled output of current  
0-100% = 0-4Vdc

J1 Self Adjust Constant Power Lamp



Power Test Terminals

As lamp ages the load adjusts to compensate for changes in the filament resistance.



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# Executive Engineering

Title  
FILAMENT DRIVER

MODEL NUMBER  
EE15120A

Size	Number	Rev
A	301/151 FILAMENT DRIVER	1
Date	Mon Sep 20, 2004	Drawn by dw
Filename	Lamp.SCH	Sheet 1 of 1