

RML104 & RML105

Power Supply Cards

Description

The RML104 System Power Supply and the RML105 Redundant Power Supply cards contain a switching power supply that has universal AC power input. This means the RML100 may be powered from any AC voltage from 100 to 250V and from any frequency from 47 to 63 Hz. The RML100 power entry panel contains a standard instrument style AC power connector. Universal AC input means there is no selection switch to set and connection to any outlet can be made with the selection of the correct power cable.

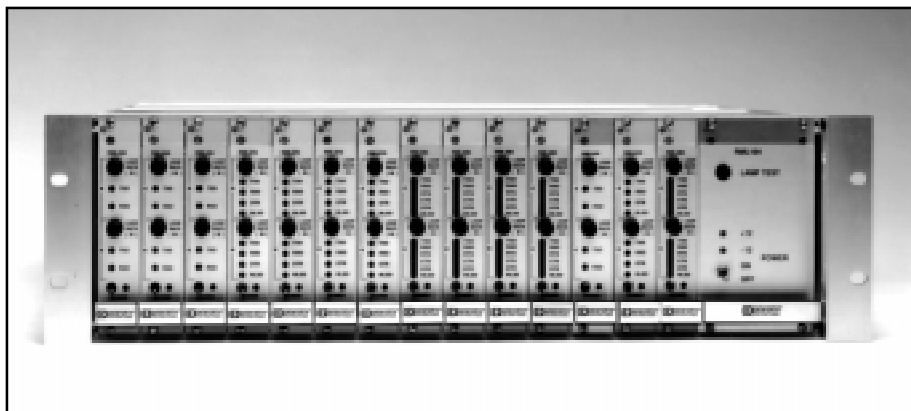
The RML104/105 front panel contains a power switch and indicating LEDs for +12V and -12V power. The front panel also contains a lamp test pushbutton. While this button is held in, all the LEDs on all the

installed card front panels are kept lit. This enables some limited troubleshooting of the installed cards and the signal cables. It separates a bad LED from an inactive LED.

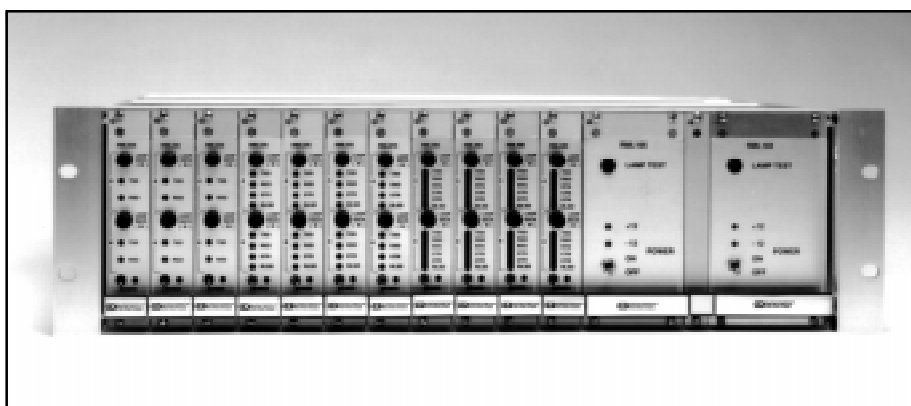
WARNING! Lamp test should only be used when all lines are idle! RML070 LEDs should be tested with loopback pushbuttons in!

The RML104 contains circuitry that automatically provides backup power from an installed RML105 redundant power supply card.

Dataforth does not authorize or warrant its products for use in life support/critical applications.

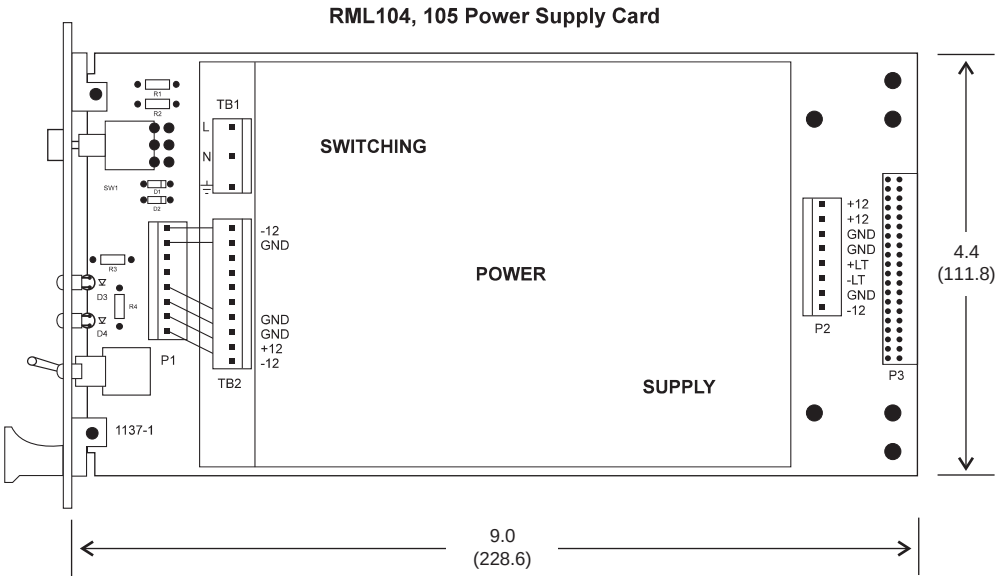


RML100, 101 Card Cage with Single Power Supply



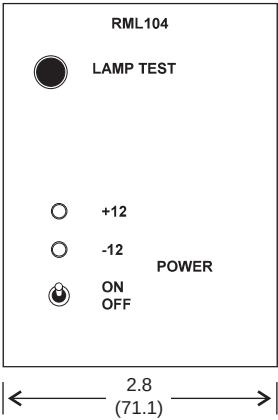
RML100-R, 101-R Card Cage with Redundant Power Supplies

Figure 8. RML104/105 Mechanical Drawing

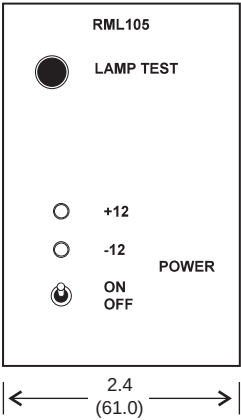


Front Panel

System Supply



Redundant Supply



Dimensions: Inches (Millimeters)