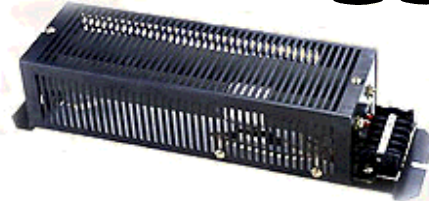


HIGH POWER 'LOAD RESISTOR BOX'

200W to 8000 WATT

LRB SERIES

PRELIMINARY COPY



FEATURES

- r Highest power-to-size ratio
- r Wide resistance range
- r Excellent safety protection
- r Low Temperature coefficient
- r Convenient mounting design
- r Custom designs (up to 8000W)

RCD's LRB series was developed to achieve higher power load capability where space is a premium. A low-cost solution for most higher power requirements. Designed for superior high power load performance under the most demanding applications. Typical applications include load testing, high power distribution, automation control installations, etc.

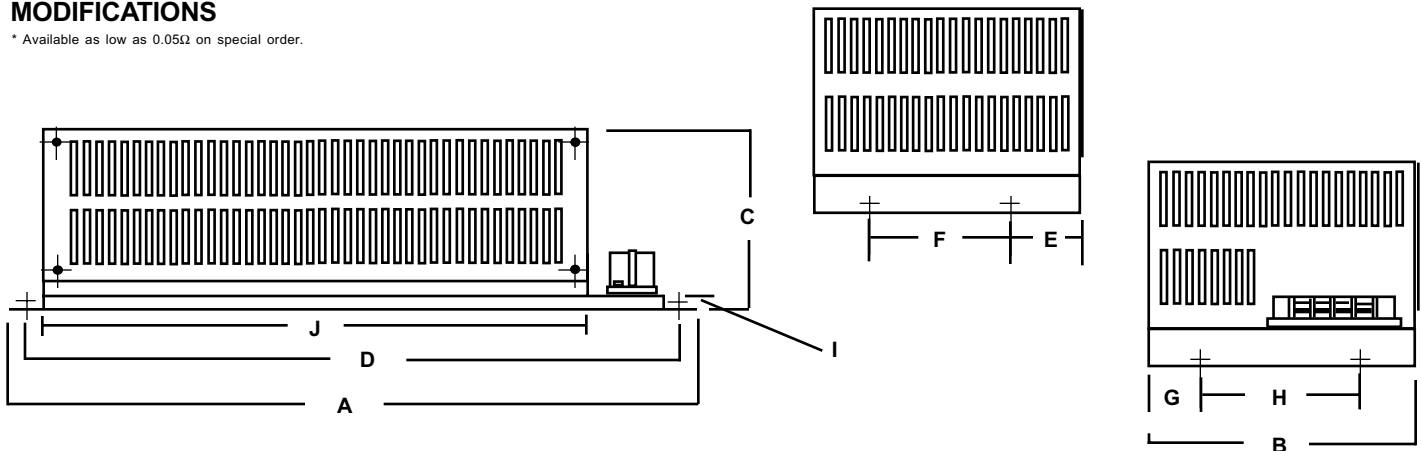
SERIES LRB -- Standard (Inductive)

OPTION X -- Non-Inductive

| RCD Type | Wattage @ 25°C | Resistance Range* | Max. Voltage | A | B | C | D | E | F | G | H | I | J |
|----------|----------------|-------------------|--------------|-------|-------|------|-------|------|------|------|------|------|-------|
| LRB200 | 200W | 0.1 - 100K | - | 13.58 | 3.54 | 2.99 | 12.79 | 1.77 | - | 1.69 | - | .314 | 10.55 |
| LRB400 | 400W | 0.1 - 200K | - | 13.58 | 3.54 | 2.99 | 12.79 | 1.77 | - | 1.69 | - | .314 | 10.55 |
| LRB800 | 800W | 0.1 - 400K | - | 17.72 | 5.98 | 3.93 | 16.85 | 1.18 | 3.54 | 2.91 | - | .393 | 13.98 |
| LRB1200 | 1200W | 0.1 - 600K | - | 17.72 | 11.81 | 3.93 | 16.85 | 2.91 | 5.75 | 2.91 | 5.75 | .393 | 13.98 |
| LRB1600 | 1600W | 0.1 - 800K | - | 17.72 | 11.81 | 3.93 | 16.85 | 2.91 | 5.75 | 2.91 | 5.75 | .393 | 13.98 |
| LRB2000 | 2000W | 0.1 - 1M | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |
| LRB2400 | 2400W | 0.1 - 1.2M | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |
| LRB2800 | 2800W | 0.1 - 1.4M | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |
| LRB3200 | 3200W | 0.1 - 1.6M | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |
| LRB3600 | 3600W | 0.1 - 360K | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |
| LRB4200 | 4200W | 0.1 - 420K | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |
| LRB4800 | 4800W | 0.1 - 480K | - | 22.04 | 9.84 | 7.68 | 21.06 | 1.06 | 7.48 | 4.80 | - | .393 | 16.53 |

MODIFICATIONS

* Available as low as 0.05Ω on special order.



SPECIFICATIONS

| | |
|-------------------------|---|
| Tolerance | ±5% is standard 1Ω and above ±10% below 1Ω |
| Temperature Coefficient | 50ppm/°C Typ. 1Ω and above 90ppm/°C Typ. 0.1Ω to 0.99Ω |
| Dielectric Strength | 1000 VAC |
| Overload | 10x rated power for 5 sec. |
| Derating | Full power @ 25°C to zero power @ 350°C |

HOW TO ORDER:

LRB 2400 X 10Ω 5%

RCD Type: LRB _____

Size _____

Options: 'X' Non-Inductive _____
'H' = Horizontal mount 'V' = Vertical mount 'N' = No mount

Resistance Value _____

Tolerance _____

RCD Components Inc., 520 E. Industrial Park Dr., Manchester, NH USA 03109

Tel: (603) 669-0054 Fax: (603) 669-5455 E-mail: sales@rcdcomponents.com www.rcdcomponents.com

FAXXXX specifications are subject to change without notice