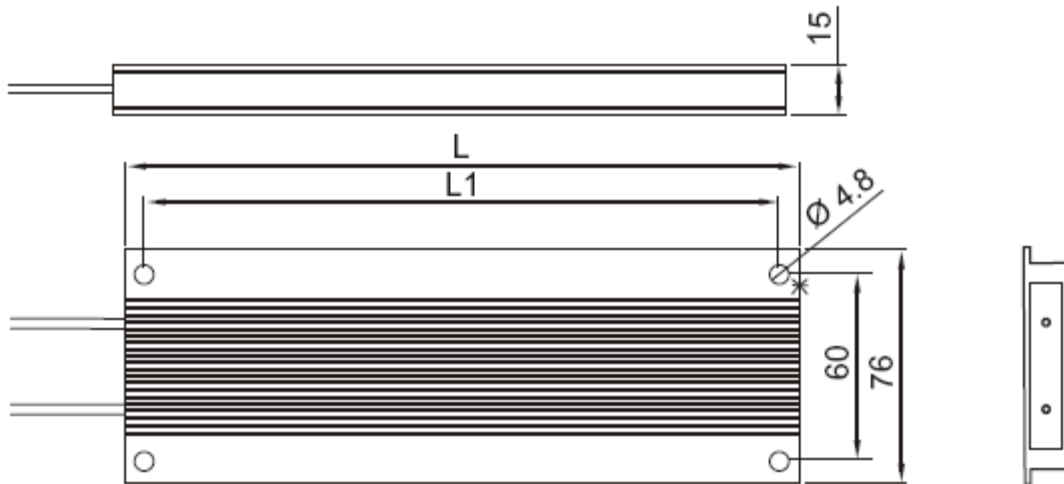




# CP Automation Ltd

## High Power Slim-Type Aluminium Housed Resistors



| Cat. No. | Watt @20°C w/o heatsink | 1 Sec. Watt | 10 Sec. Watt | 40 Sec. Watt | Resistance Range | L (mm) | L1 (mm) | Weight (gm) |
|----------|-------------------------|-------------|--------------|--------------|------------------|--------|---------|-------------|
| SLR100   | 100                     | 2500        | 700          | 250          | 10-5000          | 110    | 98      | 240         |
| SLR150   | 125                     | 4700        | 1200         | 425          | 10-5000          | 166    | 154     | 375         |
| SLR200   | 150                     | 6500        | 1600         | 550          | 10-5000          | 216    | 204     | 525         |
| SLR250   | 200                     | 8000        | 2200         | 750          | 10-5000          | 270    | 258     | 650         |
| SLR300   | 250                     | 10000       | 2500         | 900          | 10-500           | 320    | 308     | 810         |
| SLR400   | 300                     | 14000       | 4300         | 1100         | 10-500           | 420    | 408     | 1070        |
| SLR500   | 400                     | 17000       | 5000         | 1400         | 10-500           | 520    | 508     | 1250        |

### FEATURES

- Low cost & Light Weight
- Non-Inductive Type Available
- Good Heat Conduction
- Excellent Space Factor For Installation
- Higher or Lower Ohmic Values available
- Modules with Thermal Switch available

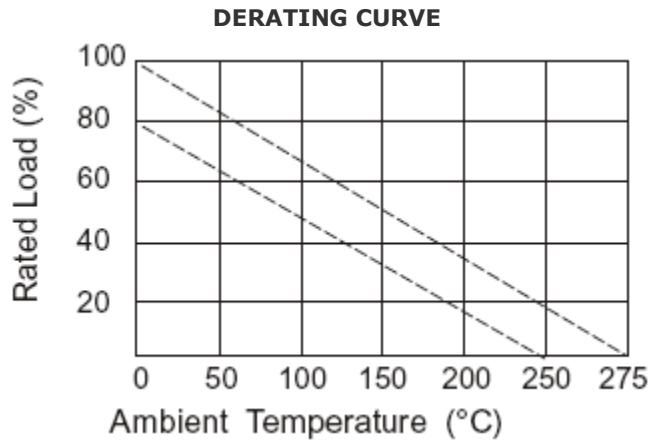


## APPLICATIONS

- Charging Resistor
- Dynamic Braking Resistor
- Snubber Resistors
- Drives, Elevators, Cranes, Hoists, CNC Machines
- Electric Cars and Power Source of Industrial Instruments

## CHARACTERISTICS

|                              |  |
|------------------------------|--|
| <b>Standard Tolerance</b>    | ±10%, closer tolerance available                 |
| <b>IP Rating</b>             | IP65 as Standard                                 |
| <b>Temperature Range</b>     | -55°C to + 275°C max.@ 20°C ambient              |
| <b>Insulation Resistance</b> | >20MW  |
| <b>Dielectric Strength</b>   | Available Options: 2000 VAC, 3000 VAC            |
| <b>Temp. Coefficient</b>     | ±50PPM/°C to 260PPM/°C                           |
| <b>Short Term Overload</b>   | 5 x Wattage rating for 10 seconds in 100 seconds |
| <b>Derating</b>              | Derate linearly at 275°C                         |
| <b>Teflon wire terminals</b> | 500mm. Longer lengths upto 1.25 mtrs. Available. |



Temperature rise at 20°C ambient for 100W-400W is 275°C plus ambient Wattage can be increased by using heatsink.  
Above 275°C derating is required

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