WDBR-UL Series – UL Recognised Low Profile Power Resistors

WDBR-UL series is a thick film on steel power resistor with UL recognition. It has been developed based on the existing WDBR product which itself has been successfully used in the field for over ten years. The creepage and clearances and power ratings have been assessed in accordance with the requirements of UL508.

Benefits

• Low profile allows space-saving integration which is not possible with bulky wirewound alternatives.
• UL recognition eases the compliance burden for UL approved end uses.

Our Advantage

For circuit designers who need to design UL approved systems containing power resistors in highly compact enclosed assemblies with heatsink-based thermal management, we provide WDBR-UL which provides a far lower volume solution than competing encased wirewound products and a faster route to safety certification.
Fast Facts

Appendix 1 Competitor Cross Reference

Whilst other sources of thick film on steel resistors are available, as a UL recognised component, the WDBR-UL has no known competition.

Other UL recognised braking resistors, for example, from Reohm, Danotherm and RaRa, use wirewound technology and cross reference generally requires analysis of individual application requirements. However, it should be remembered that WDBR-UL is uninsulated and aimed at enclosed applications where space is at a premium.

Appendix 2 Search Keywords

<table>
<thead>
<tr>
<th>high power resistor</th>
<th>UL recognised resistor</th>
<th>UL approved resistor</th>
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<tr>
<td>UL508 resistor</td>
<td>dynamic braking resistor</td>
<td>braking resistor</td>
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<td>power resistor</td>
<td>heatsink mount resistor</td>
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