



CD431690B



**Part Number:** [CD431690B](#)

**Manufacturer** [Powerex, Inc.](#)

**Description** SCR MOD ISO DUAL 1600V 90A

**Data sheet:**  [CD43xx90B](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong





















**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                        |   |
|--|---|
| Part Number                              | <a href="#">CD431690B</a>   |
| Manufacturer                             | <a href="#">Powerex, Inc.</a>   |
| Description                              | SCR MOD ISO DUAL 1600V 90A  |
| Lead Free Status / RoHS Status           | Lead free / RoHS Compliant  |
| Quantity Available                       | 3183 pcs  |
| Product Photo                            | <a href="#">CD431690B.jpg</a>   |
| Category                                 | <a href="#">Discrete Semiconductor Products</a>                                     |
| Voltage - Off State                      | 1.6kV   |
| Voltage - Gate Trigger (Vgt) (Max)       | 3V  |
| Structure                                | Series Connection - All SCRs  |
| Series                                   | -   |
| Packaging                                | Bulk  |
| Package / Case                           | POW-R-BLOK™ Module  |
| Other Names                              | 835-1072<br>CD431690B-ND  |
| Operating Temperature                    | -40°C ~ 125°C (TJ)  |
| Number of SCRs, Diodes                   | 2 SCRs  |
| Mounting Type                            | Chassis Mount   |
| Moisture Sensitivity Level (MSL)         | 1 (Unlimited)   |
| Lead Free Status / RoHS Status           | Lead free / RoHS Compliant  |
| Detailed Description                     | SCR Module 1.6kV 150A Series Connection - All SCRs Chassis Mount POW-R-BLOK™ Module |
| Current - On State (It (RMS)) (Max)      | 150A  |
| Current - On State (It (AV)) (Max)       | 95A   |
| Current - Non Rep. Surge 50, 60Hz (Itsm) | 2000A, 2100A  |
| Current - Hold (Ih) (Max)                | 250mA   |
| Current - Gate Trigger (Igt) (Max)       | 150mA   |

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|  <div><p>Part#: <a href="#">CD431299C</a></p><p>Description: SCR MODULE DUAL</p></div>                     | <div>Manufacturers: <a href="#">Powerex, Inc.</a></div> <div>In Stock: 2997</div> <div><a href="#">RFQ</a></div>       |
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|  <div><p>Part#: <a href="#">CD43NP-1R4MC</a></p><p>Description: FIXED IND 1.4UH 2.5A 56.2 MOHM</p></div>   | <div>Manufacturers: <a href="#">Sumida Corporation</a></div> <div>In Stock: 88905</div> <div><a href="#">RFQ</a></div> |
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|  <div><p>Part#: <a href="#">CD431090B</a></p><p>Description: SCR MOD ISO DUAL 1000V 90A</p></div>          | <div>Manufacturers: <a href="#">Powerex, Inc.</a></div> <div>In Stock: 2592</div> <div><a href="#">RFQ</a></div>       |
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|  <div><p>Part#: <a href="#">CD431290B</a></p><p>Description: SCR MOD ISO DUAL 1200V 90A</p></div>          | <div>Manufacturers: <a href="#">Powerex, Inc.</a></div> <div>In Stock: 3225</div> <div><a href="#">RFQ</a></div>       |
|  <div><p>Part#: <a href="#">CD431490B</a></p><p>Description: SCR MOD ISO DUAL 1400V 90A</p></div>          | <div>Manufacturers: <a href="#">Powerex, Inc.</a></div> <div>In Stock: 2670</div> <div><a href="#">RFQ</a></div>       |
|  <div><p>Part#: <a href="#">CD431690C</a></p><p>Description: DUAL SCR MODULE</p></div>                     | <div>Manufacturers: <a href="#">Powerex, Inc.</a></div> <div>In Stock: 3824</div> <div><a href="#">RFQ</a></div>       |
|  <div><p>Part#: <a href="#">CD431890C</a></p><p>Description: SCR MOD ISO DUAL 90A 1800V</p></div>          | <div>Manufacturers: <a href="#">Powerex, Inc.</a></div> <div>In Stock: 2389</div> <div><a href="#">RFQ</a></div>       |
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