GENERAL
The Model 380E3 Supply Jumper Module provides terminal strip access to the 24V dc and 15V dc power supply busses of the Model Series 380 Card Cage Enclosures. The module also provides a 6.2V dc reference supply that is temperature compensated. External connections to all three supply sources are made at the terminal strip on the enclosure.

INSTALLATION
The Model Series 380 Card Cage Enclosures are equipped with safety keys that must be set by the user at the time of installation. Using the Card Cage Enclosure instructions for reference (Service Instruction SD3801), set the keys in the slot the module is to be used in as follows:

<table>
<thead>
<tr>
<th>Slot</th>
<th>Key Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left</td>
<td>V (vertical)</td>
</tr>
<tr>
<td>Right</td>
<td>V (vertical)</td>
</tr>
</tbody>
</table>

Refer to the connection diagram for the electrical connections at the terminal strip.

MAINTENANCE
Except for annual cleaning, this module requires no periodic maintenance. If the Jumper Module is not operating properly, check the field wiring and the Power Supply Module (refer to Service Instructions SD380P). A schematic diagram of the Supply Jumper Module is provided at the rear of this instruction.

SPECIFICATIONS

- **24V Supply**
  - Voltage Range: 24 to 26.5V dc
  - Line Voltage Effect: Less than ±0.1%

- **15V Supply**
  - Voltage Range: 15V dc ±1%
  - Line Voltage Effect: Less than ±0.1%

- **6.2V Supply**
  - Voltage Range: 6.2V dc ±5%
  - Line Voltage Effect: Less than ±0.05%

- **Loading**
  - The SUM of the currents drawn from the 24V and the 15V supplies cannot exceed 100 mA. The current drawn from the 6.2V dc reference supply should be less than 3.7 mA (1600 Ohms min)

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Connection Diagram

Physical Layout

Schematic