b. Multi-Function Connector/Jumper Block J2

1/4-inch spade lugs J4 and J5 are provided for grounding; system characteristics determine the proper ground connection. J4 is located on the HDA, and J5 is located on the outer Frame.

Mating Connector: AMP 62187-1 or equivalent

3.3 DRIVE OPTICM SELECTION

Figure 3-2 shows the locations of the connectors, SCSI ID jumpers, option jumpers, and interface terminator packs on the Device Electronics board.

3.3.1 SCSI Device Addressing and Interface Termination

Up to eight devices (the host and seven targets) can be attached to an SCSI bus. The 1570 Series has three ID jumpers - ID2, ID1, and ID0. These three jumpers are used to assign one of the eight SCSI ID bits (0 through 7) to the drive.

<table>
<thead>
<tr>
<th>SCSI ID</th>
<th>Jumper ID2</th>
<th>ID1</th>
<th>ID0</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>out</td>
<td>out</td>
<td>out</td>
</tr>
<tr>
<td>1</td>
<td>out</td>
<td>out</td>
<td>in</td>
</tr>
<tr>
<td>2</td>
<td>out</td>
<td>in</td>
<td>out</td>
</tr>
<tr>
<td>3</td>
<td>out</td>
<td>in</td>
<td>in</td>
</tr>
<tr>
<td>4</td>
<td>in</td>
<td>out</td>
<td>out</td>
</tr>
<tr>
<td>5</td>
<td>in</td>
<td>out</td>
<td>in</td>
</tr>
<tr>
<td>6</td>
<td>in</td>
<td>in</td>
<td>out</td>
</tr>
<tr>
<td>7</td>
<td>in</td>
<td>in</td>
<td>in</td>
</tr>
</tbody>
</table>
b. Multi-Function Connector/Jumper Block J2

J2 is a 24-pin connector on the Device Electronics board and is used for connecting the drive to a user-supplied Operator Panel (Section 3.3.5). J2 is also available for future drive options.

c. DC Power Connector J3

J3 is a 4-pin keyed AMP MATE-N-LOCK connector on the Device Electronics board. Both +5V and +12V is supplied to the drive via this connector.

Mating Connector: AMP 1-480424-0 or equivalent
Pins: AMP 350078-4
Suggested Wire Size: 18 AWG

d. Ground Connectors J4 and J5

1/4-inch spade lugs J4 and J5 are provided for grounding; system characteristics determine the proper ground connection. J4 is located on the HDA, and J5 is located on the outer frame.

Mating Connector: AMP 62187-1 or equivalent

3.3 DRIVE OPTION SELECTION

Figure 3-2 shows the locations of the connectors, SCSI ID jumpers, option jumpers, and interface terminator packs on the Device Electronics board.

3.3.1 SCSI Device Addressing and Interface

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In multiple-device systems, each drive must have its own unique ID bit. Drives are configured as SCSI ID 6 at the factory.

Interface Terminator packs RN1, RN7, and RN8 provide proper termination for the interface lines. For a multiple-drive system, the terminators are installed in the last drive on the cable; see Section 3.4.

3.3.2 BUS Termination Power Option

A jumper is installed at W1 or W2 to select the source of terminator power (+5V) for the terminator packs on the Device Electronics board.

- When the jumper is installed at W1 (the factory default configuration), the drive provides terminator power.

- When the jumper is installed at W2, terminator power is provided by the host system via interface cable J1, pin 26 (TERMPWR); see Section 2.2 for the TERMPWR requirements.

Figure 3-2. Address Jumpers and Interface Terminator