I/O Connections

Wren V 94181 (SCSI model) I/O Connections

All electrical signals with the Wren V 94181 are single-ended and must be terminated with 220 ohm to +5V and 330 ohm to ground at each end of the total cable. All signals use open collector or three-state drivers. Optional termination is available internal to the Wren V.

The I/O connections of the Wren V are shown below.

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Installation of 650 MB Disk
The jumper settings on the Wren V are shown below.

Wren V jumper settings

The numbered items in the figure above are explained in the list below.

1. Drive ID is binary coded by jumper position (most significant bit on the left). That is, jumper in position 1 would be Drive ID 1; no jumpers means ID 0.

2. Jumper plug installed enables the Motor Start option. In this mode of operation, the drive waits for a Start Unit command from the host before starting the motor. If the jumper plug is not installed, the motor will start as soon as DC power is applied to the unit.

3. Jumper plug installed mean parity checking by the Wren V is enabled.

4. If the unit is not to be terminated, remove terminator resistor SIPs. If installed, the TP jumper must be installed only in one of the two positions shown in the figure above.

A jumper in vertical (default) position means that terminator power (+5V) is from the Wren V power connector. A jumper in horizontal position means that terminator power is taken from the interface cable.

If the drive is not terminated, the TP jumper does not need to be installed.

5. Removable I/O line terminator