



Protecting
Your Digital
Assets~



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Product Models	Data Express 200i-SWU2
Interface Types and Speeds	Wide Ultra2 SCSI: up to 80 MB/s
Drive Types Supported	68-pin Wide Ultra2 SCSI Hard Drives
Data Connectors	One (1) 68-pin Wide Ultra2 SCSI Port
Operating System Requirements	<ul style="list-style-type: none">• Windows 8, 7, Vista, or XP• Windows Server 2012, 2008, and 2003 product families• Mac OS X 10.4.x or higher• Linux distributions that support the connection type used
Torque	3.5-inch hard drives, #6-32 screws: 6 inch-pounds max.
Compliance	EMI Standard: FCC Part 15 Class B, CE EMC Standard: EN55022, EN55024
Shipping Weight	2.5 pounds (includes accessories)
Dimensions	5.75" x 8.23" x 1.70" (146mm x 209mm x 43mm)
Technical Support	Your investment in CRU products is backed up by our free technical support for the lifetime of the product. Contact us through our website, cru-inc.com/support or call us at 1-800-260-9800 or +1-360-816-1800.

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Product Warranty

CRU warrants this product to be free of significant defects in material and workmanship for a period of five years from the original date of purchase. CRU's warranty is nontransferable and is limited to the original purchaser.

Limitation of Liability

The warranties set forth in this agreement replace all other warranties. CRU expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and non-infringement of third-party rights with respect to the documentation and hardware. No CRU dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CRU or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CRU product or service, even if CRU has been advised of the possibility of such damages. In no case shall CRU's liability exceed the actual money paid for the products at issue. CRU reserves the right to make modifications and additions to this product without notice or taking on additional liability.

FCC Compliance Statement: "This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a home or commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:

- 1) Ensure that the case of your attached drive is grounded.
- 2) Use a data cable with RFI reducing ferrites on each end.
- 3) Use a power supply with an RFI reducing ferrite approximately 5 inches from the DC plug.
- 4) Reorient or relocate the receiving antenna.



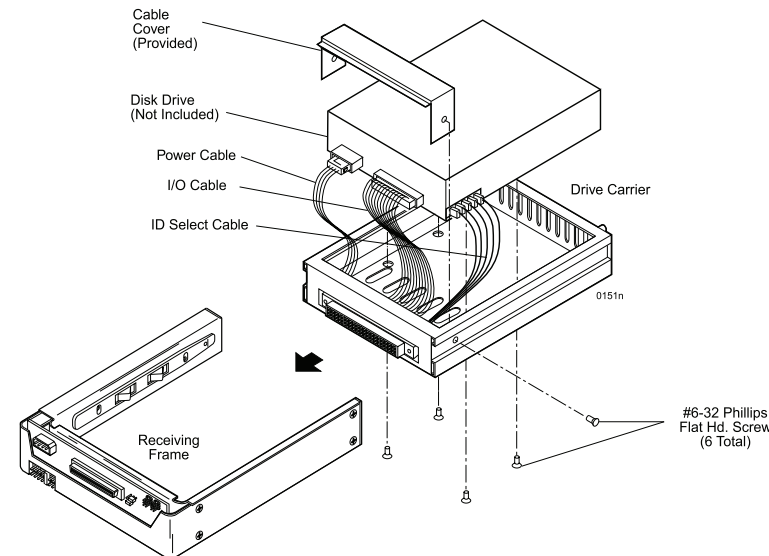
CRU Data Express™ 200i-SWU2 Drive Enclosure



DataExpress



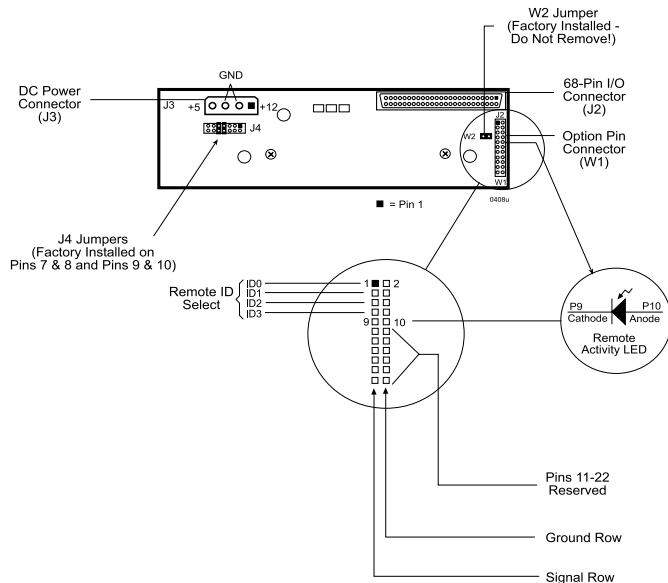
1 Drive Installation Overview



NOTE: The DE200i-SWU2 requires the Ultra2 chassis and cabling for SCSI Ultra2 operation.

2 Receiving Frame Motherboard

Remote Unit ID Selection: Pins 1-8 are provided for remote unit ID selection for the computer system or expansion chassis. Remote ID selection requires that the unit ID switch located on the inside of the receiving frame be set to “0” (onboard ID selection is set with a switch located on the inside of the receiving frame as shown in Figure 10).



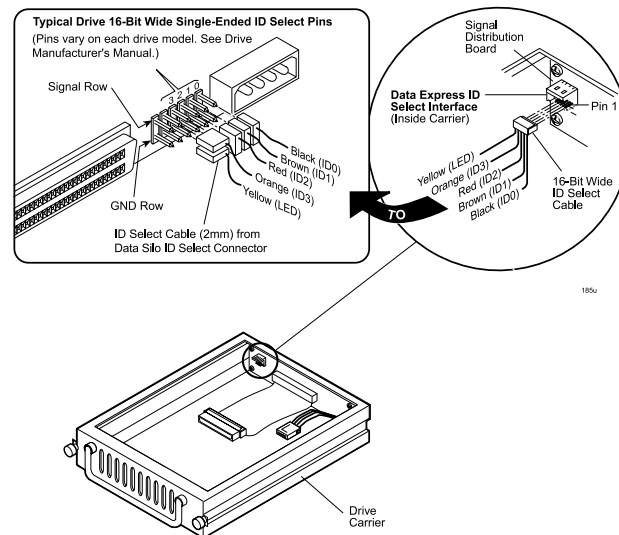
3 Typical SCSI ID Pin Connections

NOTE: No onboard termination is provided on the DE200i-SWU2. External termination must be provided.

The figure below illustrates a typical SCSI ID select connection to a drive with 2mm ID select pins. The wires on the wire harness connect to the positive pin (or signal pins) on the disk drive. In some cases, the drive manufacturer will label the signal pins as Pin 1, 3, 5, 7, (instead of 0, 1, 2, 3 as shown in Figure 3). Also, in some cases, the even-numbered Pins 2, 4, and 6 are used for Ground.

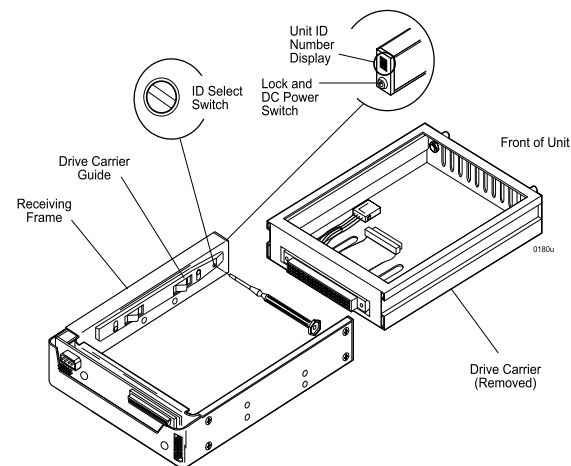
Attach the ID select cable to the drive using the 2mm connectors. Align the “ID0” pin with the **black** wire. Attach the 1.25mm connector on the other end of the ID select cable to the 1.25mm connector (J3B) provided on the signal distribution

board, located inside the carrier. Refer to the manufacturer’s documentation to disable termination on the drive.



4 Selecting the Unit ID Number

Use the alignment tool provided to select the ID number of the disk drive.



NOTE: The lock on the Data Express receiving frame functions as a lock and a DC power switch for the carrier unit. The lock **MUST** be engaged (turned counterclockwise) in order to supply power to the carrier and installed drive unit.