

41075/77

400-TYPE MOUNTING

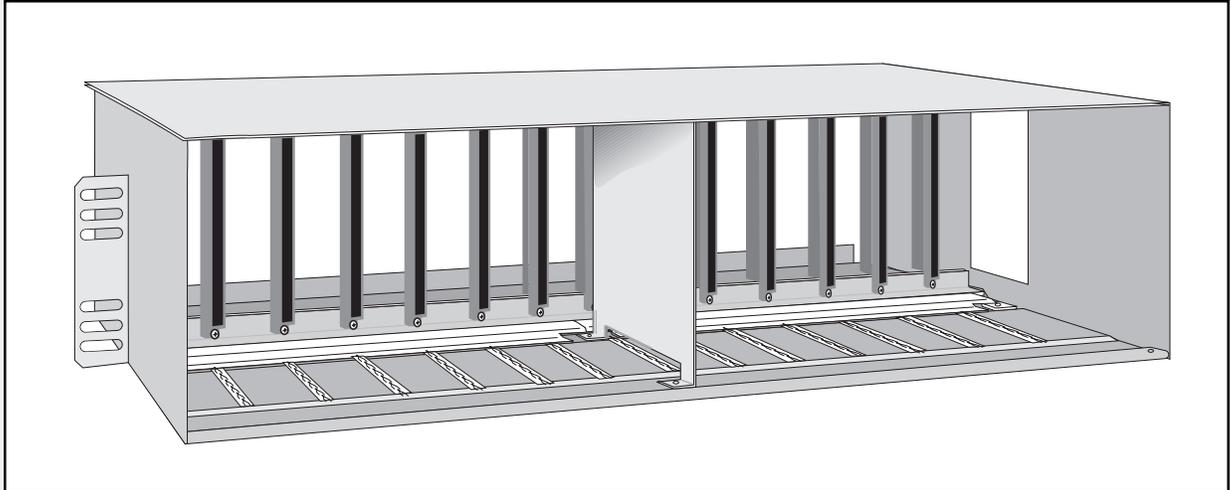


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About this Practice:

This practice has been reissued to:

- Combine the 41075 and 41077 practices into one document.

Reissued Practices: Updated and new content can be identified by a banner in the right margin.

Issue date: July 1998

UPDATED

CAUTION

- Install or remove modules from the shelf only when the power is off. If you install a module in the shelf with the power on, the internal circuitry may suffer damage and the product warranty will be void.
- Remove and install circuit boards only in a static-safe environment (use antistatic wrist straps, smocks, footwear, etc.).
- Keep circuit boards in their antistatic bags when they are not in use.
- Do not ship or store circuit boards near strong electrostatic, electromagnetic, magnetic, or radioactive fields.
- For more complete information on electrostatic discharge safety precautions, refer to Bellcore™ Technical Reference # TR-NWT-000870.

ORDERING INFORMATION

UPDATED

NOTE: This section lists the different options available for this product. To order any of the available options, contact Dantel Inside Sales through our toll-free number, 1-800-432-6835.

OPTION NUMBER	FEATURES
D13-41075-00	19" Shelf; 12-Position; 400-Type
C13-41075-23	23" Shelf; 14-Position; 400-Type
A13-41077-00	19" Shelf; 12-Position; 400-Type

GENERAL DESCRIPTION

NEW NOTE

NOTE:

This practice now documents the 41077 as well as the 41075. The only differences are that:

- The 41077 is only available in 19-inch, 12-position configuration.
- The mounting ears on the 41077 are even with the front of the shelf rather than halfway back.

The 41075 is a mounting formed of aluminum alloy sheet metal containing one 56-pin dual-readout card edge connector for each of the 12 or 14 module mounting slots.

ESD jacks are provided to make the shelf safe for electronic components that are sensitive to static electricity. For ESD safety, personnel working with equipment in the shelf should ground themselves to an ESD jack. The jacks are connected through a shelf mounting bracket to the equipment rack frame rail.

Two optional rack mounting brackets and hardware are included for adapting a 19-inch equipment to a 23-inch equipment shelf.

The 41075 module slots normally are pre-wired for a specific application. If the shelf is pre-wired, a Block Diagram comes with the shelf that shows how it is wired.

There are two identical Equipment Type labels which describe the equipment assembly, its part number, revisions, and the job number. They are located in the outside of the left panel of the shelf. One label is placed in front of the mounting ear and the other label is placed in back of the mounting ear. A serial number currently is not assigned to a shelf.

INSTALLATION

The 41075 mounting is shown mechanically in Fig. 1. Tools required for installation include a Phillips screwdriver and a 3/8" hex nut driver.

INSTALLATION

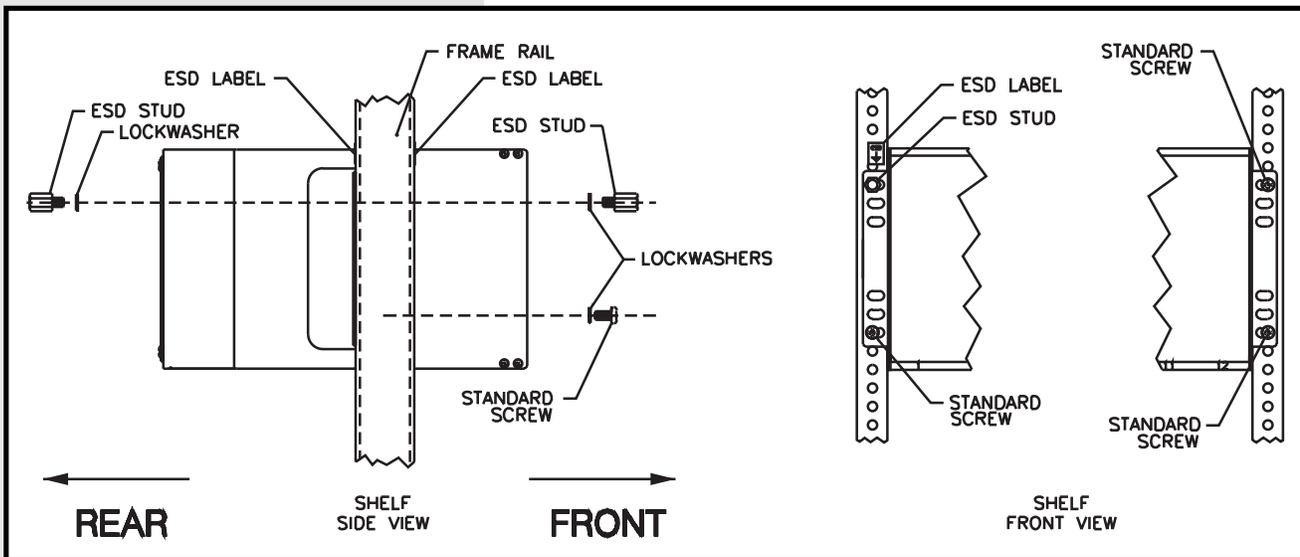
Install the equipment shelf as explained below:

1. To install a 19-inch shelf in a 23-inch rack, attach mounting bracket extensions which are furnished in a parts bag attached to the unit. Mounting hardware is located in this same bag.

Refer to Fig. 2 for the following steps.

2. Facing the frame rail, place the equipment shelf in the rack, at the desired location. Secure with three Phillips-head screws and internal tooth lockwashers - two on the right side, top and bottom, and one on the lower left side.
3. Install one ESD stud, with lockwasher, in the upper left location.
4. Secure all fasteners tightly, ensuring proper grounding between the ESD stud and the frame rail.
5. Place ESD label next to the ESD stud.
6. From the rear of the bay, install ESD stud into frame rail next to the equipment shelf. Secure tightly, ensuring proper grounding of ESD stud. Place ESD label next to the ESD stud.
7. Refer to shelf wiring documentation for proper placement of modules and external connection information.

FIG. 2 - EQUIPMENT SHELF MOUNTING DIAGRAM.



TECHNICAL SPECIFICATIONS

DESCRIPTION	VALUE
PHYSICAL DIMENSIONS	
19-inch Configuration	19.0"W x 6.0"H x 9.9"D
23-inch Configuration	23.0"W x 6.0"H x 9.9"D
DISTANCE BETWEEN RACK-MOUNTING BRACKETS	
19-inch Configuration	
Distance between inside edges of brackets	17.5"
Distance between outside edge of brackets	19"
23-inch Configuration	
Distance between inside edges of brackets	20.5"
Distance between outside edge of brackets	23"
WEIGHT	
19-inch Configuration	4.8lbs (excludes rear panel assemblies and wiring)
23-inch Configuration	5.1lbs. (excludes rear panel assemblies and wiring)
MATERIALS	
Housing	5052-H32 Aluminum Alloy (clear anodized satin finish)
Edge Connector and Top PC Board Card Guide/Spacer	Black Phenolic Plastic
Bottom PC Board Card Guide/Spacer	Tin-plated Beryllium-Copper for ESD grounding of modules
EDGE CONNECTOR WIRE WRAP PIN DIMENSIONS	
Diameter	0.045" square
Length	3/4"

WARRANTY

LIMITED WARRANTY

The Seller warrants that the standard hardware products sold will be free from defects in material and workmanship and perform to the Seller's applicable published specifications for a period of 18 months for hardware, and 3 months for software, from the date of the original invoice. The liability of the Seller hereunder shall be limited to replacing or repairing, at its option, any defective products which are returned F.O.B. to the Seller's plant, (or, at the Seller's option, refunding the purchase price of such products). In no case are products to be returned without first obtaining permission and a customer return authorization number from the Seller. In no event shall the Seller be liable for any consequential or incidental damages.

Equipment or parts which have been subject to abuse, misuse, accident, alteration, neglect, unauthorized repair or installation are not covered by warranty. The Seller shall make the final determination as to the existence and cause of any alleged defect. No warranty is made with respect to custom equipment or products produced to the Buyer's specifications except as specifically stated in writing by the Seller in the contract for such custom equipment.

This warranty is the only warranty made by the Seller with respect to the goods delivered hereunder, and may be modified or amended only by a written instrument signed by a duly authorized officer of the Seller and accepted by the Buyer.

Warranty and remedies on products not manufactured by the Seller are in accordance with warranty of the respective manufacturer. **THE SELLER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED; AND ALL IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEEDS THE AFORESAID OBLIGATIONS IS HEREBY DISCLAIMED BY THE SELLER.**

IN CASE OF DIFFICULTY

If you experience difficulty with this equipment, check the following, as appropriate:

- 1. Switch settings**
- 2. Signal levels**
- 3. Software configuration**
- 4. Connections between Dantel's equipment and your equipment.**

If there is still a problem, substitute equipment that is known to be good. For additional assistance, call Dantel's Technical Field Service Department weekdays, 6 A.M. to 5 P.M. pacific time:

1-800-4DANTEL (1-800-432-6835).

If a thorough checkout shows a piece of equipment has malfunctioned, you may return it to the factory. For repairs and emergency replacements, obtain a Return Material Authorization (RMA) number from the Customer Service Representative at **1-800-4DANTEL (1-800-432-6835)**.

To ensure expedient processing of your order, provide a purchase order number and shipping and billing information when requesting an RMA number. Also, when the units are returned to Dantel, include a description of the failure symptoms for each unit returned. Send defective equipment to:

Dantel, Inc. • 2991 North Argyle Avenue • Fresno, California 93727-1388



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