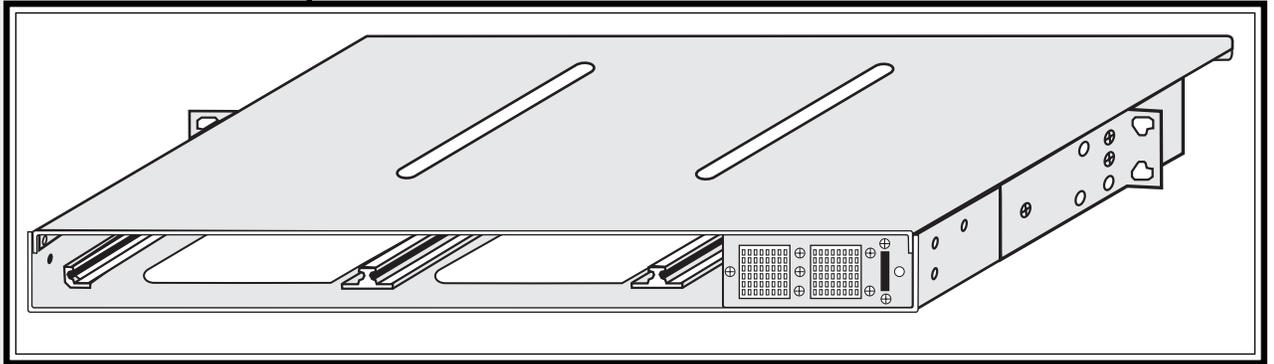


# 41078

## 400-TYPE EQUIPMENT SHELF



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#### About this Practice:

This practice has been reissued to:

- Replace Fig. 2.

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

**Issue date:** January 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

**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
A13-41078-00	400-Type Equipment Housing

# GENERAL DESCRIPTION

The 41078 400-Type Equipment Shelf is a steel housing for two 400-type Dantel modules (or those manufactured by other suppliers).

The 41078 shelf can be installed in 19-inch or 23-inch equipment racks.

The shelf has plastic card guides. Ground lugs are provided for each module.

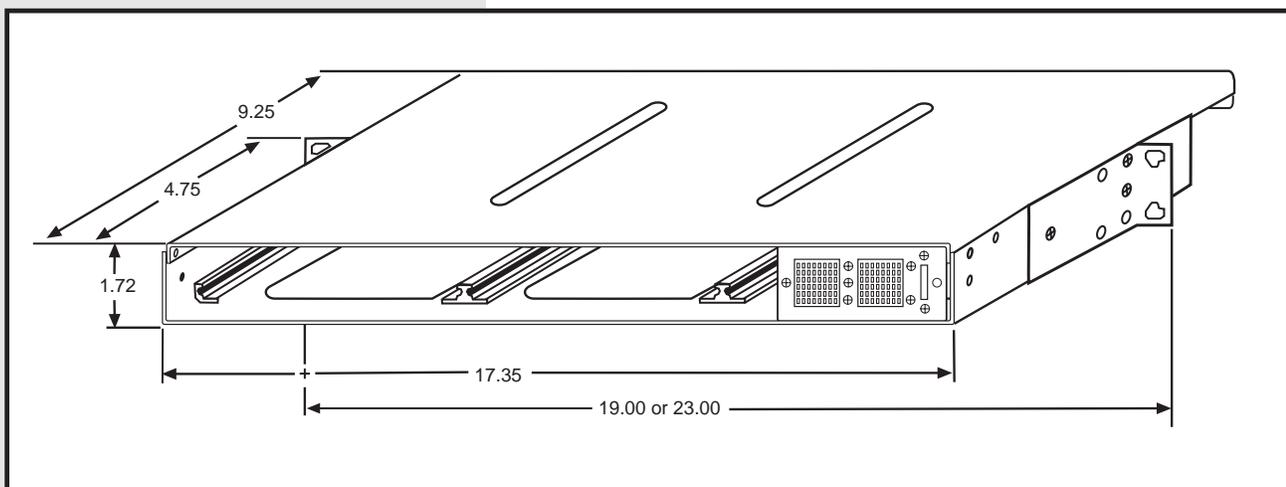
Two 60-pin wire-wrap terminal blocks on the front of the shelf allow front access for wiring in confined spaces where it is difficult to reach the rear of the shelf. The front panel also has a fuse and a red LED to indicate a blown fuse.

The rear of the shelf has a 10-point barrier strip. Depending on the application, it may also have a 25-pin female EIA connector and/or an RJ-11 phone jack.

# INSTALLATION

The 41078 shelf is shown mechanically in Fig. 1.

FIG. 1 - MECHANICAL DRAWING, 41078 400-TYPE EQUIPMENT SHELF



# INSTALLATION

Install the shelf as explained below. Tools Required:

- ◆ Phillips screwdriver
- ◆ 3/8" hex nut driver

## 1. Check the mounting brackets.

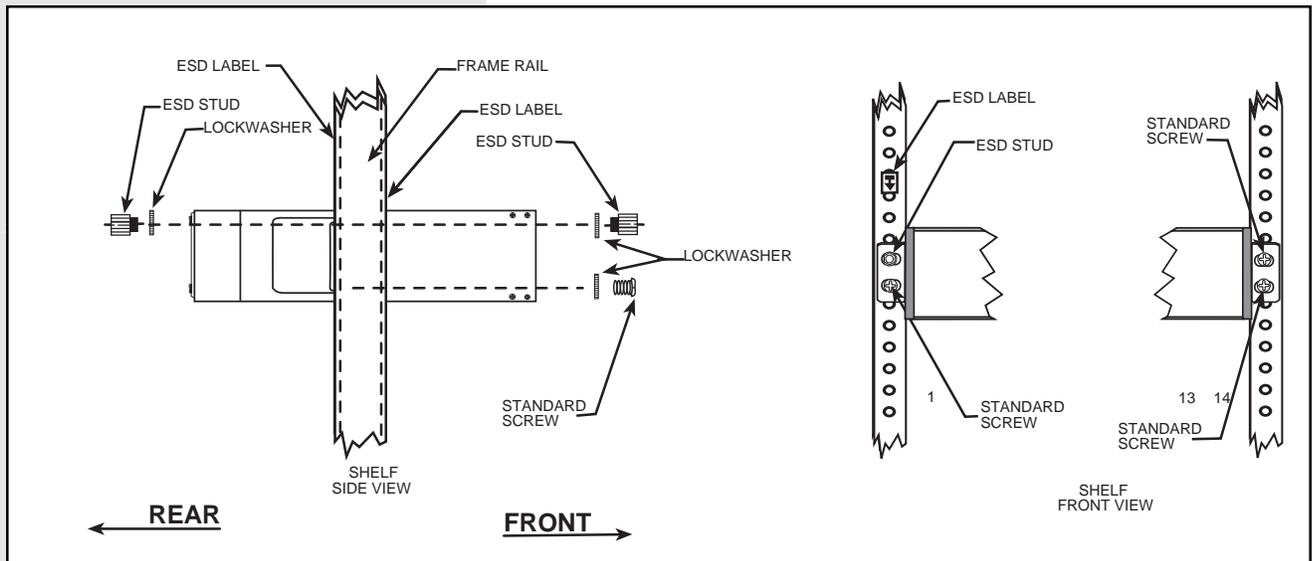
The brackets are installed at the factory so the front of the shelf extends forward from the equipment rack. You can remove the brackets and reinstall them for flush mounting. To install the shelf in a 23-inch rack, remove the brackets and install the optional mounting brackets that are in a parts bag attached to the unit.

## 2. Install the shelf.

Install the shelf in the equipment rack, using the hardware supplied in the parts bag. Refer to Fig. 2 in conjunction with the following steps.

1. Facing the frame rail, place the shelf in the rack. Secure the shelf with three Phillips-head screws and lock washers - two on the right side at the top and bottom, and one on the lower left side.
2. Install one ESD stud with lock washer in the upper left location.
3. Secure all fasteners tightly, ensuring proper grounding between the ESD stud and the frame rail.
4. Place an ESD label next to the ESD stud.
5. From the rear of the bay, install the other ESD stud into the frame rail next to the shelf. Secure tightly, ensuring proper grounding between the ESD stud and the frame rail.
6. Place an ESD label next to the ESD stud.

Fig. 2 - MOUNTING DIAGRAM



UPDATED

# INSTALLATION

## 3. Wire the connectors.

Refer to separate documentation for your system for wiring the connectors.

For ease in connecting ground leads, a ground lug is provided at each back panel card connector.

Remove the plastic cover to wire the wire-wrap pins on the front panel, then re-install the plastic cover.

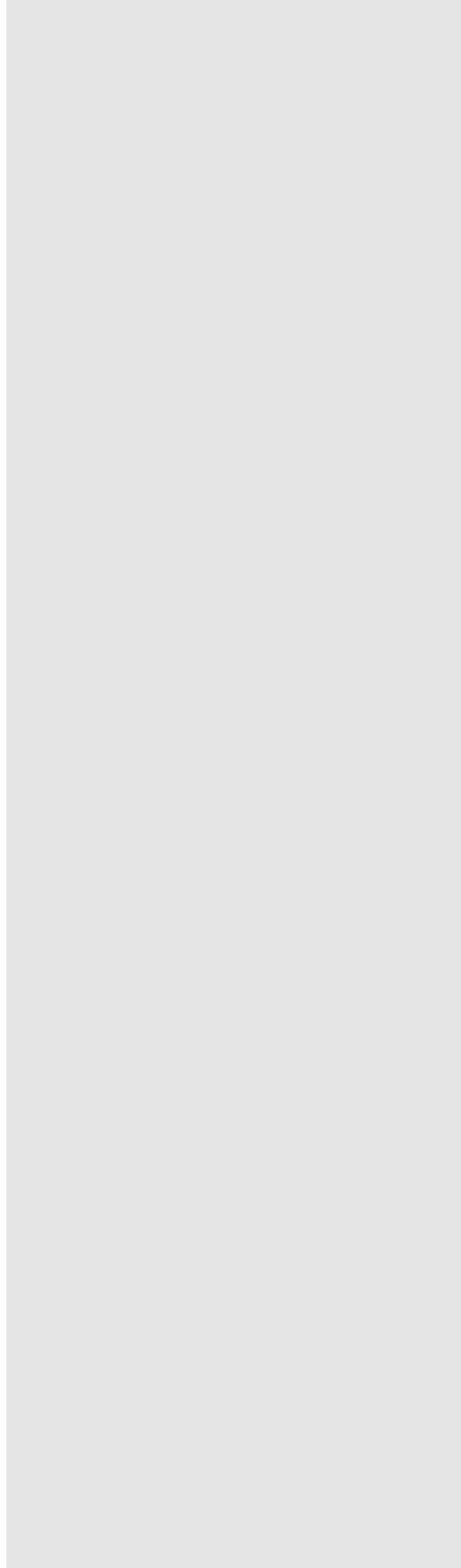
## 4. Install the modules.

Refer to separate documentation for your system for the proper placement of modules.

# TECHNICAL SPECIFICATIONS

DESCRIPTION	DESCRIPTION
Physical Dimensions	
19"	19" x 9.25" x 1.72"
23"	23" x 9.25" x 1.72"
Dimensions Between Rack Mounting Holes	
19"	18.3" (on center)
23"	22.3" (on center)
Weight	4.6 lbs.
Housing Material	Steel
PC Card Guide Material	Plastic
Terminal Block Wire-wrap Pin Dimensions	
Diameter	0.045"
Length	0.75"

# NOTES



# 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**

