

41071, 41072 41073, 41074

400-TYPE EQUIPMENT SHELVES

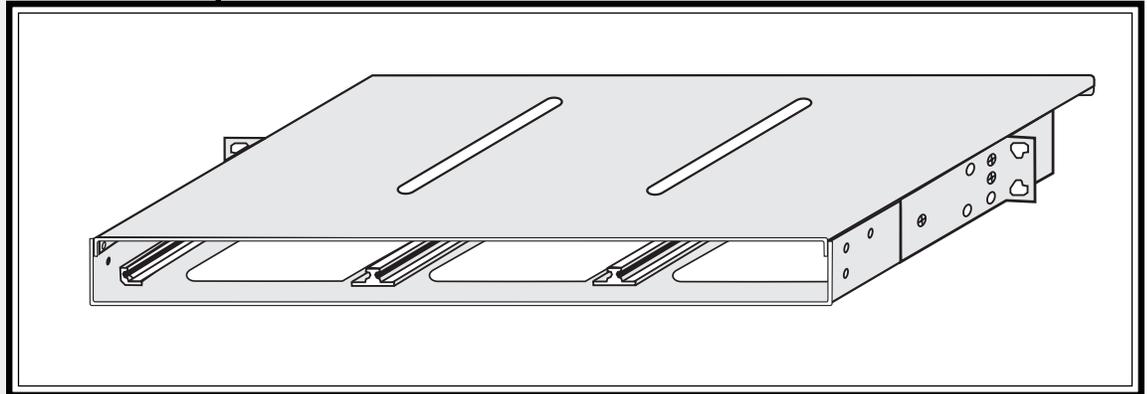


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About this Practice:

This practice has been reissued to:

- Add A13-41073-05 option to **Ordering Information** and to Table A.

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

Issue date: April 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
C13-41071-00	Chassis w/ 56-pin Wire-wrap Edge Connectors (3), 16-point Barrier Strips (2), BNC Connector Mounting Holes (4)
C13-41072-00	Chassis w/ 56-pin Wire-wrap Edge Connectors (3), Cable Conduit (1)
B13-41073-00	Chassis w/ 10-point Barrier Strip (1); 50-pin Female Connectors (2)
A13-41073-01	Chassis w/ 3-point Barrier Strip (1); 25-pin Female Connectors (2); 9-pin Female Connectors (8)
A13-41073-02	Chassis w/ 10-point Barrier Strip (1); 56-pin Wire-wrap Edge Connectors (3),
A13-41073-03	Chassis w/ 16-point Barrier Strip (1); 9-pin Female Connectors (2); 64-pin Male Connector (1)
A13-41073-04	Chassis w/ 3-point Barrier Strip (1); 25-pin Female Connectors (6)
A13-41073-05	Chassis w/ 10-point Barrier Strip (1); 50-pin Female Connectors (2); RJ-11 Connector (1); RJ-45 Connector (1)
A13-41074-00	Chassis w/ 56-pin Wire-wrap Edge Connectors (3), 16-point Barrier Strips (4)

NEW OPTION

GENERAL DESCRIPTION

This manual describes the Dantel 41071, 41072, 41073, and 41074 400-Type Equipment Shelves and their installation. For the remainder of this manual, all four shelves will be referred to as 4107X, except where specific information applies only to one shelf.

The 4107X 400-Type Equipment Shelf is a steel housing for three 400-type Dantel modules (or those manufactured by other suppliers).

The 4107X 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. It is equipped with the back panel options shown in Table A.

GENERAL DESCRIPTION

TABLE A - CONNECTOR OPTIONS

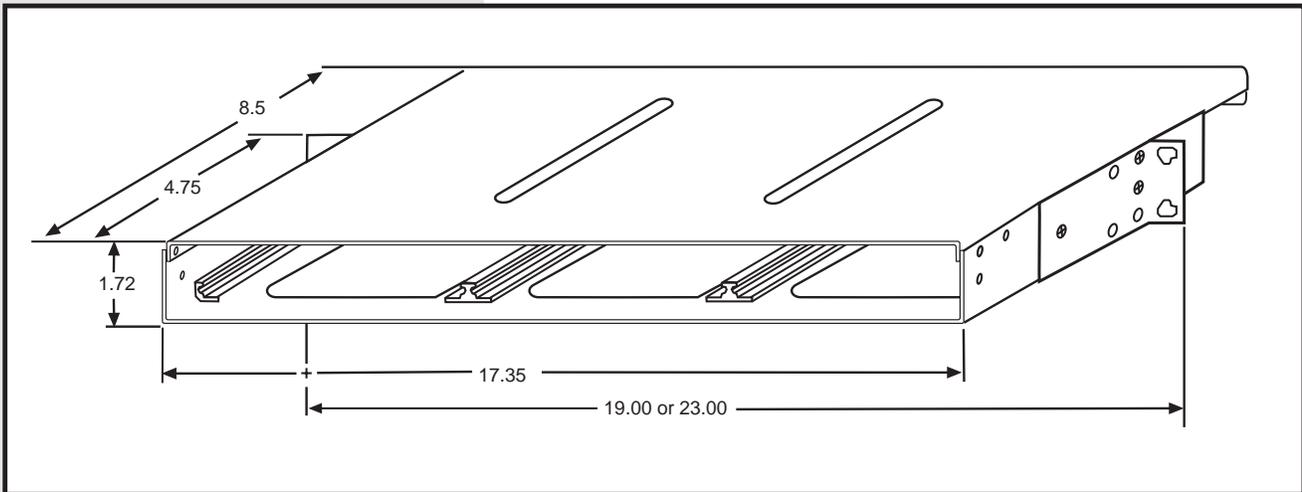
PART NUMBER	NO. OF EACH	BACK PANEL CONNECTORS
C13-41071-00	3 2 4	56-Pin Wire-Wrap Edge Connectors 16-Point Barrier Strips BNC Connector Mounting Holes
C13-41072-00	3 1	56-Pin Wire-Wrap Edge Connectors Cable Conduit
B13-41073-00	1 2	10-Point Barrier Strip 50-Pin Female Connectors
A13-41073-01	1 2 8	3-Point Barrier Strip 25-Pin Female Connectors 9-Pin Female Connectors
A13-41073-02	1 2	10-Point Barrier Strip 25-Pin Female Connectors
A13-41073-03	1 2 1	16-Point Barrier Strip 9-Pin Female Connectors 64-Pin Male Connector
A13-41073-04	1 6	3-Point Barrier Strip 25-Pin Female Connectors
A13-41073-05	1 2 1 1	10-Point Barrier Strip 50-Pin Female Connectors RJ-11 Connector RJ-45 Connector
A13-41074-00	3 4	56-Pin Wire-Wrap Edge Connectors 16-Point Barrier Strips

NEW OPTION

INSTALLATION

The 4107X shelf is shown mechanically in Fig. 1.

FIG. 1 - MECHANICAL DRAWING, 4107X 400-TYPE EQUIPMENT SHELF



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.

CONTINUED . . .

INSTALLATION

6. Place an ESD label next to the ESD stud.

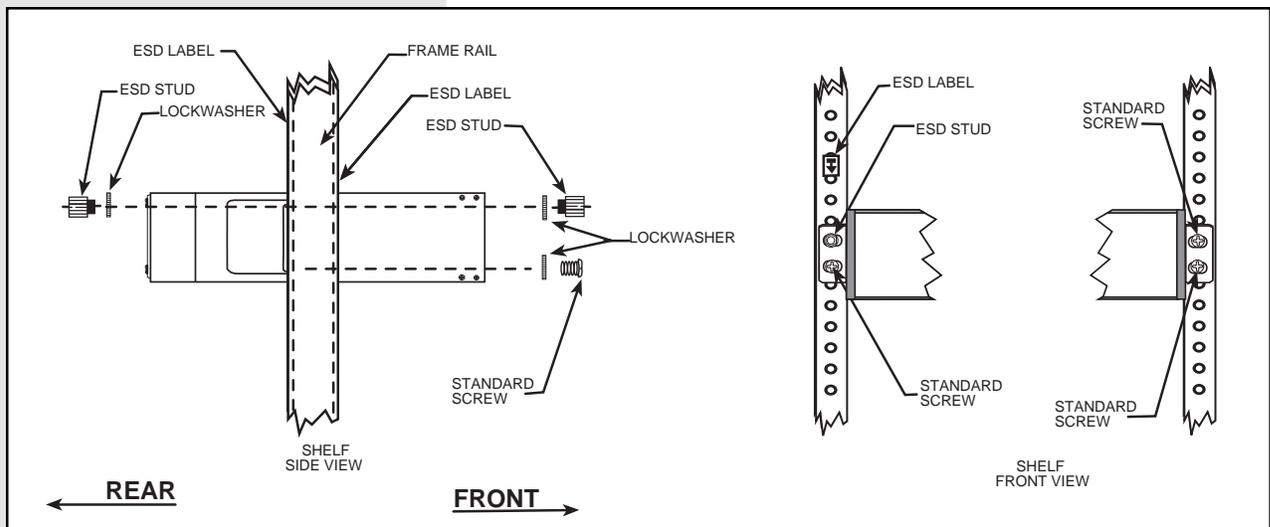
3. Wire the connectors.

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.

4. Install the modules.

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

FIG. 2 - MOUNTING DIAGRAM



TECHNICAL SPECIFICATIONS

DESCRIPTION	DESCRIPTION
Physical Dimensions	
19"	19" x 8.25" x 1.72"
23"	23" x 8.25" x 1.72"
Dimensions Between Rack Mounting Holes	
19"	18.3" (on center)
23"	22.3" (on center)
Weight	4.9 lbs.
Housing Material	Steel
PC Card Guide Material	Plastic
Terminal Block Wire-wrap Pin Dimensions	
Diameter	0.045"
Length	0.75"

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

