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TECHNICAL MANUAL

for

UTILITY PANEL

MODEL HPP-1



THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, N. Y.

OTTAWA, CANADA

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NOTICE

THE CONTENTS AND INFORMATION CONTAINED IN THIS INSTRUCTION MANUAL IS PROPRIETARY TO THE TECHNICAL MATERIEL CORPORATION TO BE USED AS A GUIDE TO THE OPERATION AND MAINTENANCE OF THE EQUIPMENT FOR WHICH THE MANUAL IS ISSUED AND MAY NOT BE DUPLICATED EITHER IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE WRITTEN CONSENT OF THE TECHNICAL MATERIEL CORPORATION.

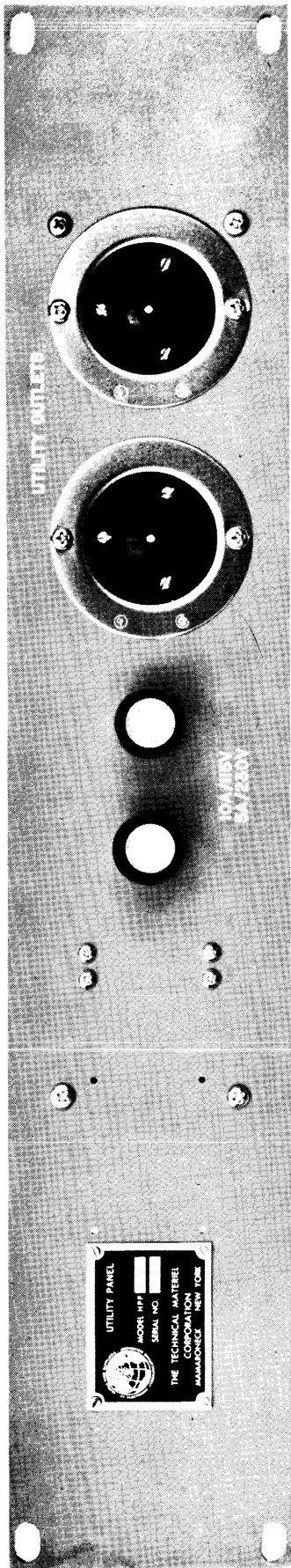


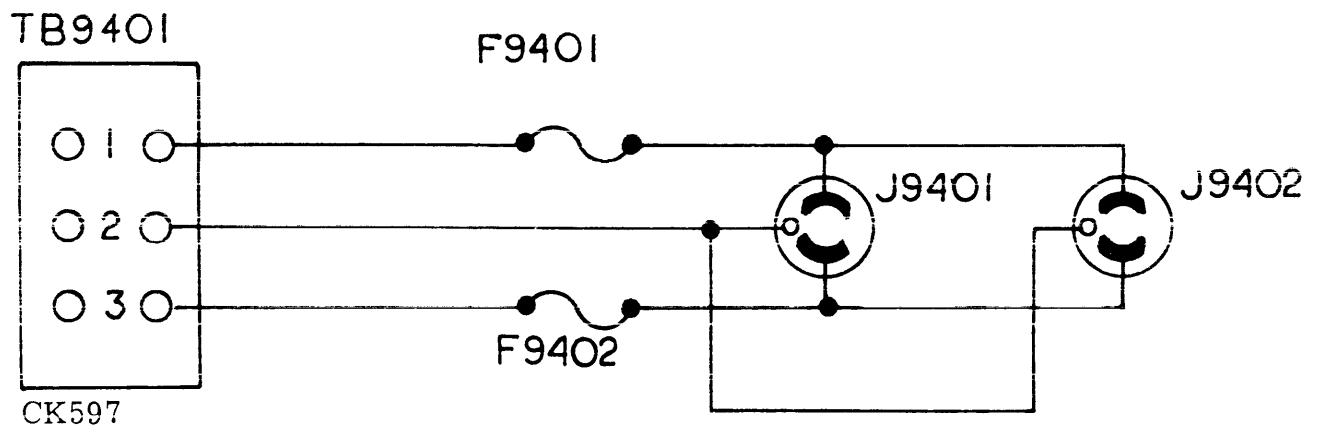
Figure 1. Utility Panel, Model HPP-1, Front View

The Utility Panel, Model HPP-1 (commonly called the utility panel or HPP), is a power panel. When installed in a cabinet and wired to a 115- or 230-volt single-phase a-c line, two front panel jacks provide a place for obtaining the a-c line voltage. To protect equipment connected to the jacks, two fuses are provided. These fuses, located on the front panel, are electrically connected between the a-c input terminal board and jacks (see figure 2).

The utility panel measures (in inches) 3-1/2 high, 19 wide, and 4 deep. It weighs 5 pounds.

To install the HPP, proceed as follows:

1. Remove both front panel fuses from the fuseholders.
2. Connect the a-c line cable to terminal board TB9401 (see figure 2).
3. Insert proper fuses in fuseholders; either a 10-ampere for 115-volt or 5-ampere for 230-volt operation.
4. Fasten HPP to cabinet.



NOTE
 VALUES FOR F9401 AND F9402 ARE
 10A FOR 115V OPERATION AND 5A
 FOR 230V OPERATION

Figure 2. Utility Panel, Schematic Diagram

POWER PANEL HPP-1

REF SYMBOL	DESCRIPTION	TMC PART NUMBER
F9401	FUSE, CARTRIDGE: 250 V, 10 amp; 1-1/4" lg. x 1/4" dia; medium time lag. (For 115 V operation)	FU103-10
F9401	FUSE, CARTRIDGE: 250 V, 5 amp; 1-1/4" lg. x 1/4" dia; medium time lag. (For 230 V operation)	FU103-5
F9402	Same as F9401. (For 115 V operation)	
F9402	Same as F9401. (For 230 V operation)	
J9401	CONNECTOR, RECEPTACLE, ELECTRICAL: 3 contacts, 2 flat, straight male contacts; 1 U-shaped male grounding contact; rated at 250 V at 10 amps or 125 V at 15 amps.	JJ173
J9402	Same as J9401.	
TB9401	TERMINAL BOARD: barrier type; 3 double screw terminals; 6-32 thd; phenolic body.	TM102-3
XF9401	FUSEHOLDER: extractor post type; for 1-1/4" lg. x 1/4" dia. fuse; neon indicator lamp and 220K ohm resistor; clear octagonal lens; 100 - 250 volts, 20 amps.	FH104-2
XF9402	Same as XF9401.	