

5A-TYPE TERMINAL BLOCK DESCRIPTION AND USE

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1. GENERAL

1.01 This section covers the description of the 5A-type terminal block for use as a terminating and cross-connecting facility at the interface of building entrance cables and riser cables.

1.02 This section is reissued to:

- (a) Revise text to show alternating white and gray colored connecting blocks
- (b) Update illustrations of H-type terminal sections.

Revision arrows are used to emphasize the more significant changes.

1.03 Procedures for installing these terminal blocks at main terminals in buildings are outlined in Section 631-460-201.

1.04 The procedures for running cross-connecting wires in these terminals are outlined in Section 462-265-201.

1.05 The protector and signaling grounds shown in Fig. 4 and 5 must be provided in accordance with Section 460-100-201 of the Bell System Practices.

2. DESCRIPTION

2.01 ♦The 5A1-600 and 5A1-900 terminal blocks are shown in Fig. 1 and 2 respectively.

Each terminal block consists of five white and five gray connecting blocks molded of flame retardant plastic. The connecting blocks are arranged to form a field of 1200 and 1800 single slot, quick connect terminals for the 5A1-600 and the 5A1-900 respectively. The connecting blocks are mounted on a sheet metal chamber with a white connecting block at the top and alternating gray and white connecting blocks for the remainder.♦ A clamp for connecting a ground wire is provided on each terminal block.

2.02 The terminal blocks may be ordered with 15-, 25-, 30-, 40-, or 50-foot lengths of stub cable factory-wired to wire wrap terminals on the rear of the quick connectors.

2.03 The stub cable consists of 26-gauge tinned copper conductors with polyvinyl chloride (PVC) insulation contained in a bonded alvyn sheath.

2.04 The 5A-type terminal blocks are not airtight. Place a ♦pressure♦ plug in the entrance cable, if required.

2.05 The quick connect terminals (Fig. 1 and 2) permit connection of the F-type cross-connect wire without the removal of insulation.

2.06 Characteristics of the 5A-type terminal block are listed in Table A.

3. MOUNTING

3.01 ♦Mount 5A-type terminal blocks inside an H303 cable terminal section as shown in Fig. 3 and 4. Mounting holes are predrilled. Use 10-32X3/8 RHM screws to secure terminal blocks.

3.02 Mount 5A-type terminal blocks on a B cable terminal frame as shown in Fig. 5. For additional information, see Section 631-400-105.♦

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

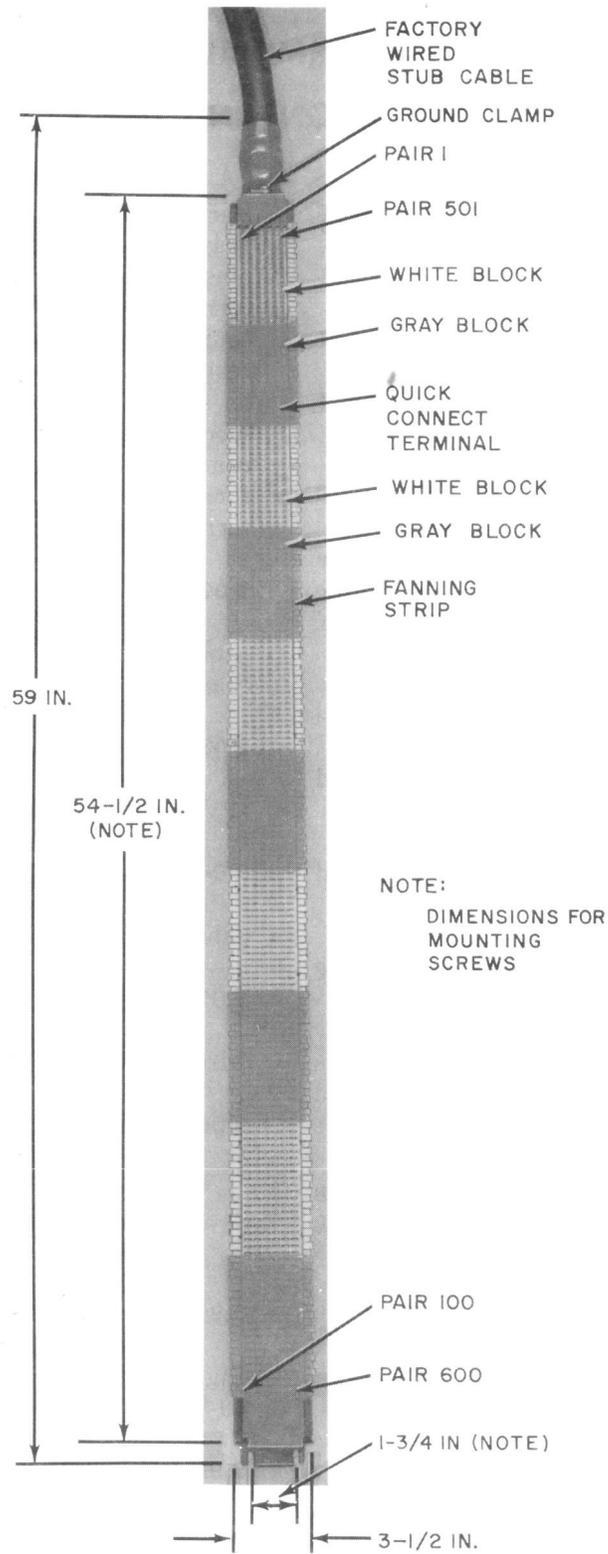


Fig. 1—5A1-600 Terminal Block

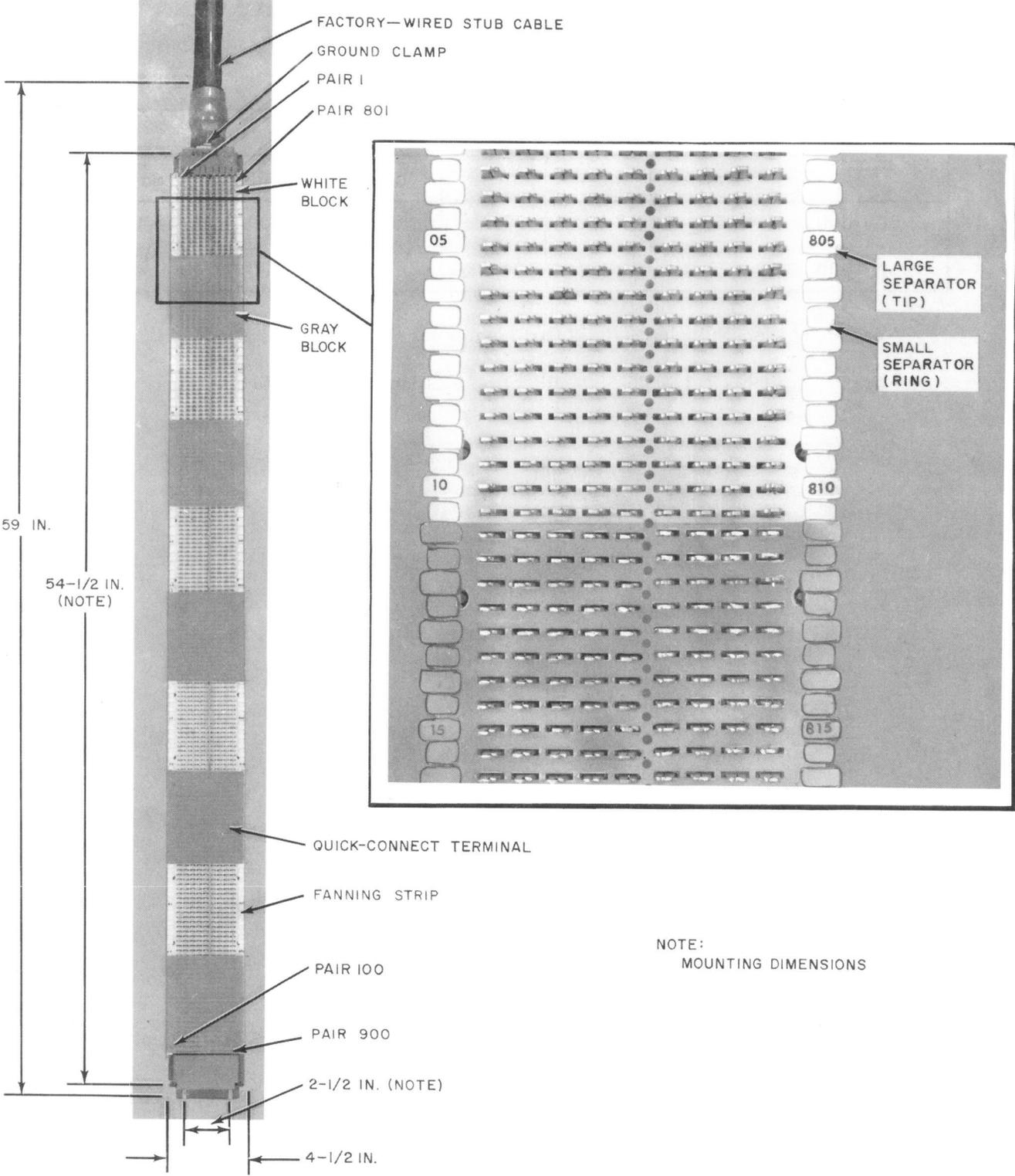


Fig. 2—5A1-900 Terminal Block

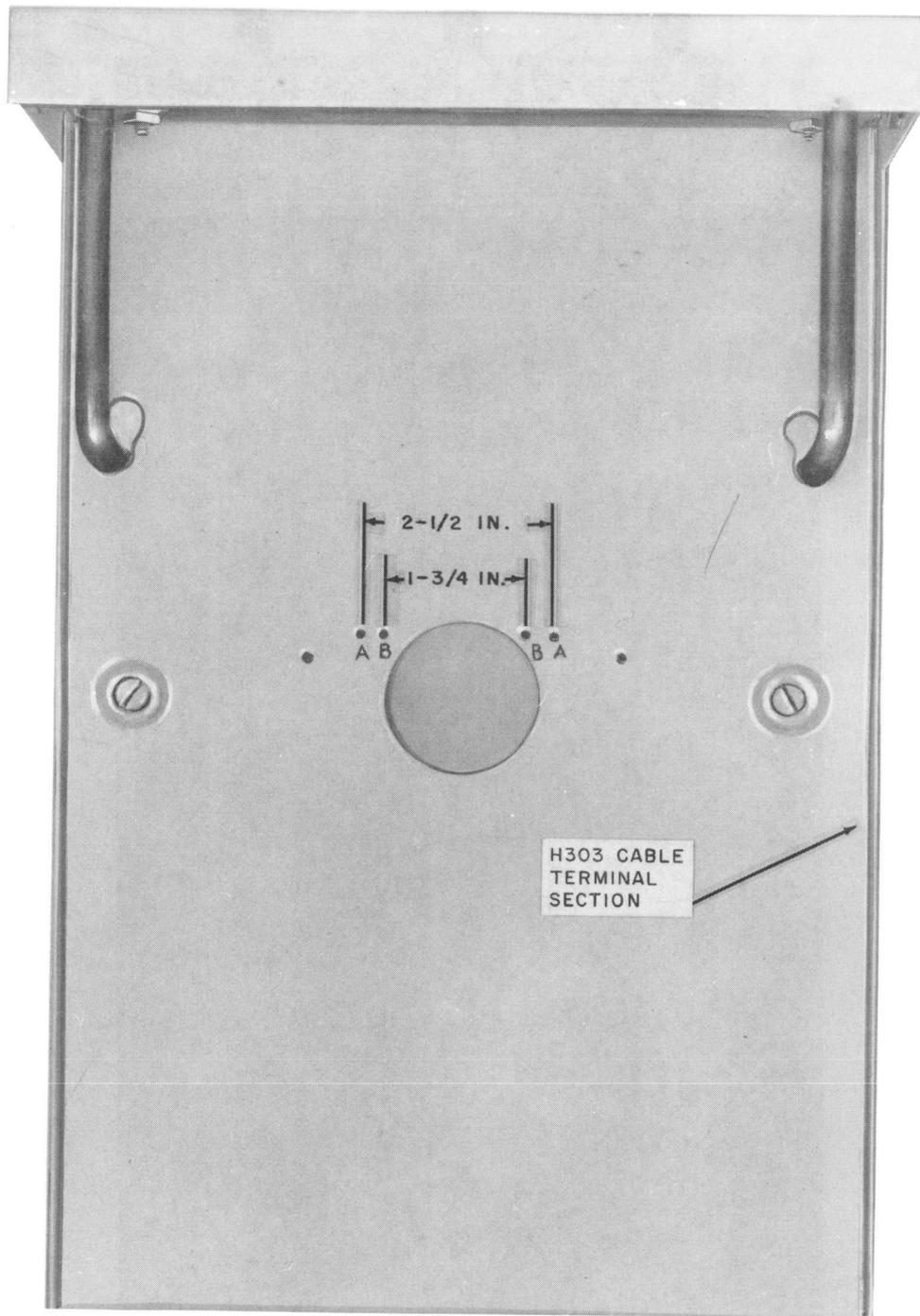
TABLE A

CHARACTERISTICS OF 5A-TYPE TERMINAL BLOCK

TERMINAL BLOCK	DIMENSIONS (INCHES)			STUB CABLE		
	LENGTH ¹	WIDTH	DEPTH	GAUGE	PAIRS	LENGTH
5A1-600	59	3-1/2	4-1/2	26	600	See Note 2
5A1-900	59	4-1/2	4-1/2	26	900	See Note 2

Note 1: The length includes the stub cable nipple.

Note 2: Available in 15-, 25-, 30-, 40-, or 50-foot lengths as specified in order.



DRILL HOLES

USE FOR MOUNTING

A
B

5A1-900
5A1-600

Fig. 3—Holes Drilled for Mounting Terminal Blocks

SECTION 631-050-110

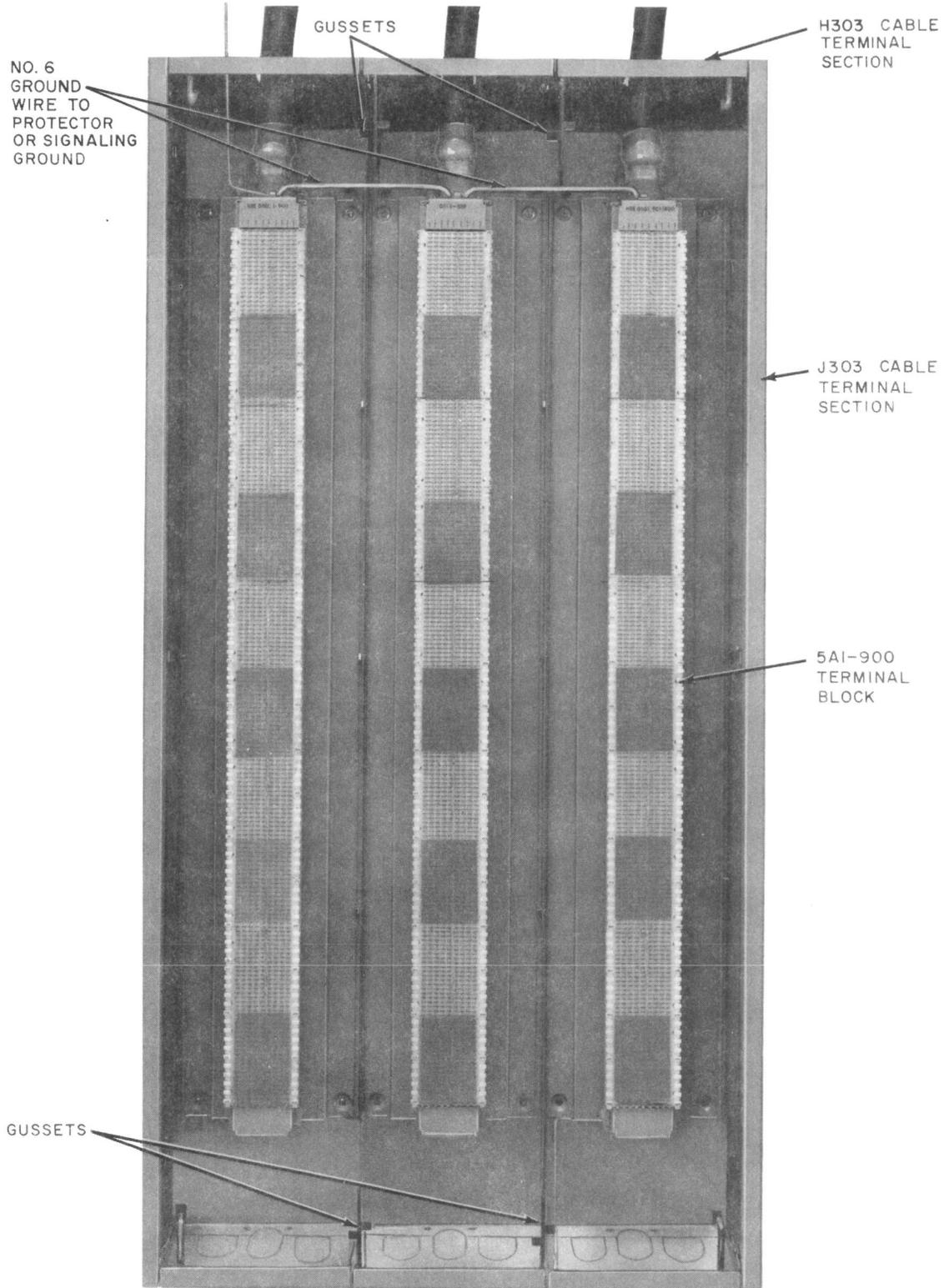


Fig. 4—5A1-900 Terminal Block Mounted in H303 Cable Terminal Section

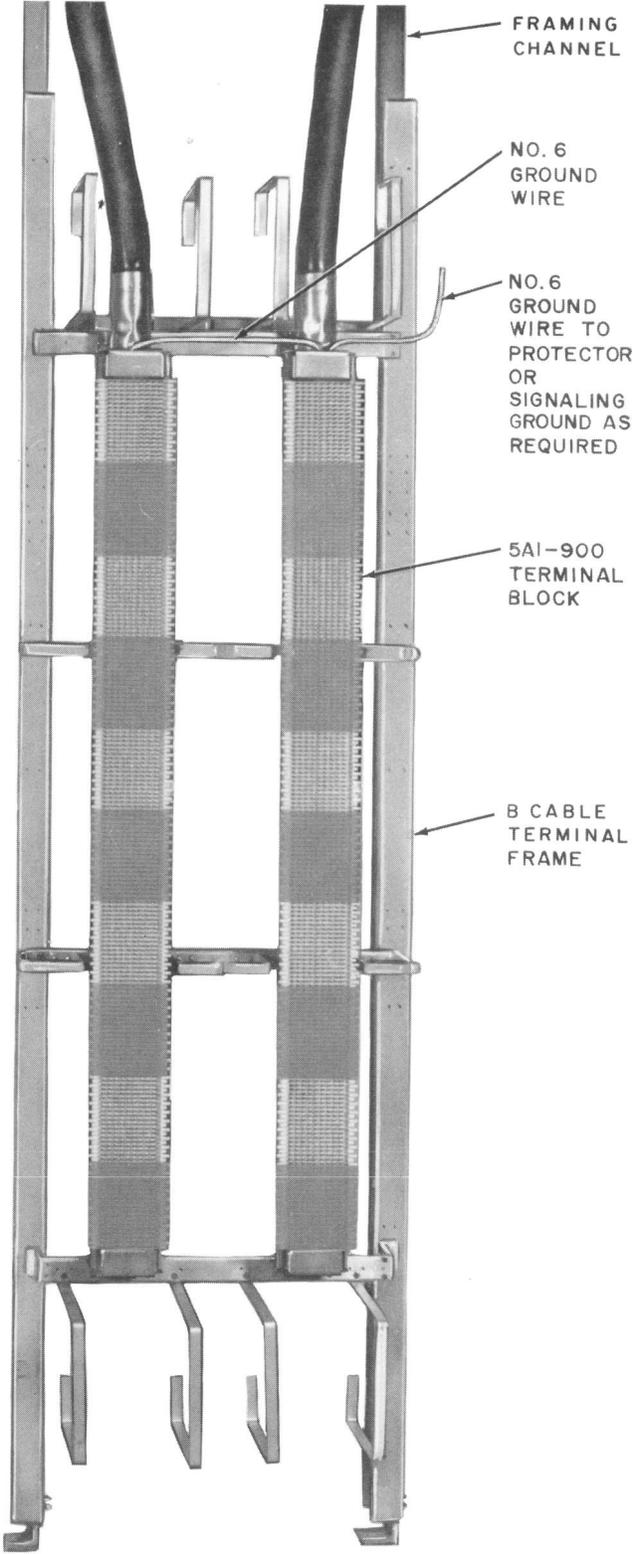


Fig. 5—5A1-900 Terminal Block Mounted on B Cable Terminal Rack