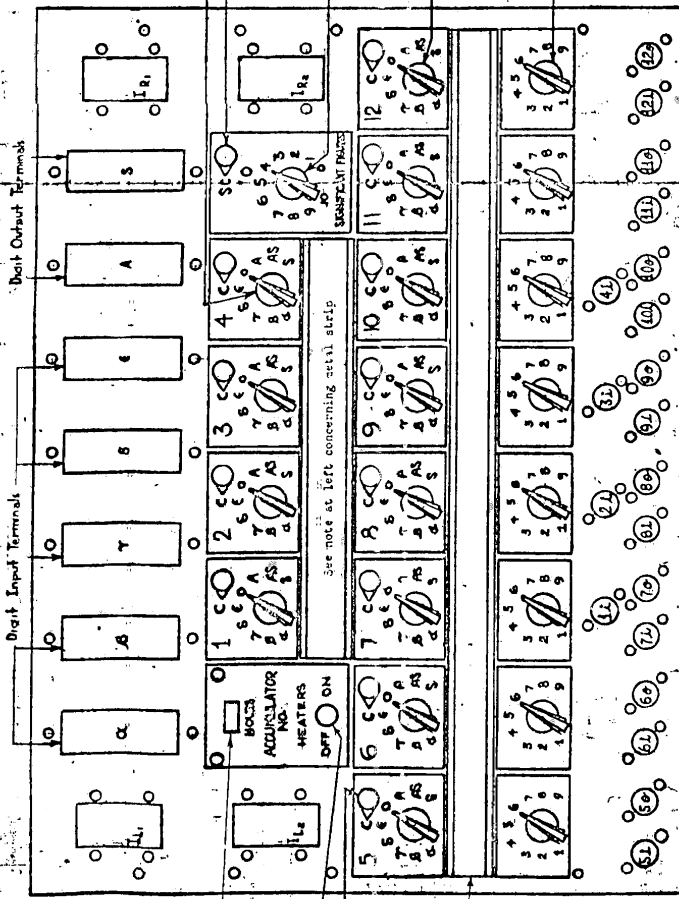


6, 7, 8, 9

Interconnection terminals for joining two accumulators, for handling 10-digit numbers, join I₁ to I₂ by a vertical interconnector cable, place lead box on I₁. For 20-digit numbers, join I₁ here to I₁ of an adjacent accumulator by a horizontal cable connector. Itemizer Join I₂ here to I₂ of the other accumulator. The lead box on I₁ here, join I₁ and I₂ of the other accumulator by vertical connector.



How enter giving total number whenever tube letters have been operated.

Local control switch for accumulator heater supply.

Metal strip for holding ends on which can be written or typed the settings of adjacent switches for the program on the EMIC.

Switches 1-12

Significant Figure Switch

Selective Clear Switch

Repeat Switch

Function Switches

Switches 5-12 Repeat Function Switches

Repeat Switch

Digit Input Terminal

Digit Output Terminal

ACCU. NO.

HEATERS

OFF

ON

LOCAL CONTROL SWITCH FOR ACCUMULATOR HEATER SUPPLY

METAL STRIP FOR HOLDING ENDS ON WHICH CAN BE WRITTEN OR TYPED THE SETTINGS OF ADJACENT SWITCHES FOR THE PROGRAM ON THE EMIC

SWITCHES 1-12

SIGNIFICANT FIGURE SWITCH

SELECTIVE CLEAR SWITCH

REPEAT SWITCH

FUNCTION SWITCHES

SWITCHES 5-12 REPEAT FUNCTION SWITCHES

REPEAT SWITCH

TERMINALS 1, 2, ..., 12
Program pulse input terminals

TERMINALS 5, 6, ..., 12
Program pulse output terminals

Switches 1-12
Terminals 5-12

Significant Figure Switch

Selective Clear Switch

Repeat Switch

Function Switches

Switches 5-12 Repeat Function Switches

Repeat Switch

Digit Input Terminal

Digit Output Terminal

Symbols used to designate five separate 11-conductor receptacles on any one of four of which 10-digit numbers may be received by the accumulator. To receive a number on the 1 channel, for example, the 1 receptacle on the accumulator should be connected to the 1 terminal on the 1 channel of the digit-trunk system (not shown) a digit of the digit-trunk system (not shown) a digit of the digit-trunk system which is to supply the number. Furthermore, there must be suitable programming as indicated below to enable the number to be received by the accumulator.

8. Digit output terminals of the accumulator, usually known as "sub-trunk" and "abstract-output" terminals are connected to the 11-conductor receptacles (not shown) on the accumulator. The 11-conductor receptacles are such 11-conductor receptacles which must be connected to cable connectors and the digit-trunk system (not shown) to the unit(s) which is (are) to receive the accumulator output(s). Furthermore, there must be suitable programming as indicated below to enable a number to be transmitted out of the accumulator.

Switch 1 is used with the terminal 11, Switch 2 with 21 etc. The terminals 11, 21, 31, 41 are program pulse input terminals. When a program pulse is received by any of these terminals, an operation takes place dependent on the setting of the corresponding switch of the 1-4 group. Thus if a program pulse is received on 11 the operation will be as follows:

- 1 - the accumulator receives on a digit input terminal
- 2 - the accumulator receives on a digit input terminal
- 3 - the accumulator receives on a digit input terminal
- 4 - the accumulator receives on a digit input terminal
- 5 - the accumulator receives on a digit input terminal
- 6 - the accumulator receives on a digit input terminal
- 7 - transmits on add output and abstract output terminals
- 8 - transmits on add output and abstract output terminals
- 9 - transmits on abstract output terminal
- 0 - decodes

If the switch is set on:

- 1 - the accumulator receives on a digit input terminal
- 2 - the accumulator receives on a digit input terminal
- 3 - the accumulator receives on a digit input terminal
- 4 - the accumulator receives on a digit input terminal
- 5 - the accumulator receives on a digit input terminal
- 6 - the accumulator receives on a digit input terminal
- 7 - transmits on add output and abstract output terminals
- 8 - transmits on add output and abstract output terminals
- 9 - transmits on abstract output terminal
- 0 - decodes

accumulator is cleared by a programmed switch in Panel 21 of EMIC. If this switch is on 0, no effect. If clear control switch is set on 0, accumulator is cleared at end of one addition time.

Each program control governs the entire accumulator. No two program controls are to be used simultaneously.

MOORE SCHOOL OF ELECTRICAL ENGINEERING UNIVERSITY OF PENNSYLVANIA		SCALE	
ACCUMULATOR FRONT PANEL		FINISH	
MATERIAL		SCALE	
Drawn by: LEDELSKX	Checked by:	APPROVED BY:	
DCC 194		PX 5301	