Some keys have two symbols occupying one key (Figure 3.5). To display the top section of each key, press your shift key before the desired symbol. For example:

To display:	7	A
Press individually:	7	[Shift] A

Data Monitor Functions — You can display on a CRT and print directly to a data terminal – binary, hexadecimal, and ASCII data monitor functions with the keystrokes in Table 21.B.

Data Cartridge Recorder

The data cartridge recorder is a portable recorder that loads programs into and records the memories of the programmable controllers. Be sure switch no. 8 of the backplane switch group is OFF (disable memory protect) to load a program from a cartridge. See the Data Cartridge Recorder User Manual, publication 1770-6.5.4, for details.

ATTENTION: You must ensure that the addressing mode stored on the data cartridge and the current addressing mode selected for the rack are the same prior to uploading a data cartridge. Failure to do so would result in unpredictable machine operation. The series C, revision C 1770-T3 terminal prompts you in choosing the proper addressing mode.

Report Generation Module

The report generation module (cat. no. 1770-RG) provides bi-directional communication for report generation between the processor and an EIA RS-232-C peripheral device. The module allows you to store, delete, edit, report, and display messages in the processor memory.

Power Supply Modules

The following table lists the power supplies we recommend. If you are going to parallel a power supply and a 1772-LWP, -LXP, or -LZP processor, use either a 1771-P3 or 1771-P4 power supply.

This Power Supply:	Receives Power from:	And Supplies this Power to the Chassis:
1771-P3	an external 120V ac power source	+5V dc
1771-P4		
1771-P5	an external 24V dc power source	
1771-P7	an external 120V or 220V ac power source	

ATTENTION: Do not parallel a 1771-P5 power supply and a 1772-LWP, -LXP, or -LZP processor because of power-up and power-down timing differences.

Paralleling Cable
Use the 1771-CT paralleling cable to connect the 1771-P3 and 1771-P4 power supplies in parallel with the 1772-LZP, -LXP, or -LWP processor.

EEPROM

The 1785-MJ EEPROM provides 8K backup; the 1772-MJ EEPROM provides 4K backup. Both EEPROMs are non-volatile and are physically interchangeable.

- You can use the 1772-MJ with the PLC-2/02 and -2/16 processors. You can also use it with a PLC-2/17 processor if your program END statement address is not greater than 4095 and you have no stored messages.
- If your PLC-2/17 processor END statement is greater than 4095, then, you must use the 1785-MJ for backup memory.

Important: You can use the 1785-MJ with the PLC-2/02 or -2/16 processors but you won't use its full capacity.

ATTENTION: You must ensure that the addressing mode stored on the EEPROM and the current addressing mode for the selected rack are the same prior to uploading the EEPROM. Failure to do so may result in unpredictable machine operation.