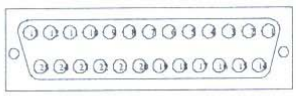
RS-232 CABLE AND CONNECTORS INFORMATION

Remark

- The line buffer is assumed to be 16 bytes long.
- The serial asynchronous framing format: no parity bit ,8 data bit, 1 stop bit & bit rate: 9600 bps

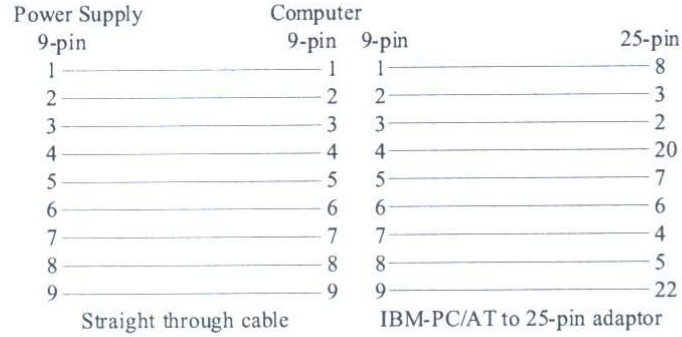
CONNECTORS

9-Pin

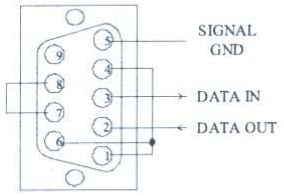


25-Pin

CABLE AND ADAPTOR



PINS ASSIGNMENT AND CONNECTION OF THE POWER SUPPLY



RS232 Command	
GETD <address> <CR> Voltage [????] Current [????] [0] [CR] [OK] [CR] Voltage [????] Current [????] [1] [CR] [OK] [CR]	Get Reading Volt & Curr CV Mode CC Mode
GETS <address> <CR> Voltage [???] Current [???] [CR] [OK] [CR] Voltage [???] Current [???] [CR] [OK] [CR]	Get Setting Volt & Curr CV Mode CC Mode
GETM <address> <CR> Memory 1 Voltage [???] Current [???] [CR] Memory 2 Voltage [???] Current [???] [CR] . . Memory 9 Voltage [???] Current [???] [CR] [OK] [CR]	Get All Memory
GERM <address> location {1-9} <CR> Voltage [???] Current [???] [CR] [OK] [CR]	Get Memory
GETP <address> <CR> Program 00 Voltage [???] Current [???] Minute [??] Second [??] [CR] Program 01 Voltage [???] Current [???] Minute [??] Second [??] [CR] . . . Program 69 Voltage [???] Current [???] Minute [??] Second [??] [CR] [OK] [CR]	Get Program Memory
GETP <address> program {00-69} <CR> Voltage [???] Current [???] Minute [??] Second [??] [CR] [OK] [CR]	Get Program Memory
SESS <address> <CR> [OK] [CR]	Disable Keyboard
ENDS <address> <CR> [OK] [CR]	Enable Keyboard
VOLT <address> voltage {000-300} <CR> [OK] [CR]	Set Voltage
CURR <address> current {000-300} <CR> [OK] [CR]	Set Current
RUNM <address> location {1-9} <CR> [OK] [CR]	Recall Memory 1-9
RUNP <address> times {0000-9999} <CR> [OK] [CR]	Run Program
STOP <address> <CR> [OK] [CR]	Stop Program
PROM <address> location {1-9} Voltage {000-300} Current {000-300} <CR> [OK] [CR]	Set Memory 1 - 9
PROP <address> location {00-69} Voltage {000-300} Current {000-300} Minute {00-99} Second {00-59} <CR> [OK] [CR]	Set Program

{ } command data [ ] return data [OK] = "OK" [CR] = 0dh
{0000-9999} = 30h, 30h, 30h, 30h - 39h, 39h, 39h, 39h (4 bytes data)
[???] = 30h, 30h, 30h - 39h, 39h, 39h (3 bytes data)
<address> 30h, 30h - 3fh, 3fh (2 bytes data).

RS232 Command	
SEEP <address> location {000-160} data1 {00-FF} data2 {00-FF} data3 {00-FF} data4 {00-FF} <CR> [OK] [CR]	Set EEPROM
GEEP <address> <CR> location 000 data1 [??] data2 [??] data3 [??] data4 [??] [CR] location 001 data1 [??] data2 [??] data3 [??] data4 [??] [CR] . . . location 160 data1 [??] data2 [??] data3 [??] data4 [??] [CR] [OK] [CR]	Get All EEPROM
GEEP <address> location {000-160} <CR> location xxx data1 [??] data2 [??] data3 [??] data4 [??] [CR] [OK] [CR]	Get EEPROM
GPAL <address> <CR> reading voltage [####] V [ON] reading current [####] A [ON] reading watt [####] W [ON] timer minute [##] second [##] Timer [ON] colon [ON] m [ON] s [ON] setting voltage [###] V-const [ON] V-bar [ON] V [ON] setting current [###] I-Const [ON] I-bar [ON] A [ON] program [#] Program [ON] P-bar [ON] SETTING [ON] Key lock [ON] Key open [ON] FAULT [ON] Output on [ON] Output off [ON] Remote [ON] [CR] [OK] [CR]	Get Panel Information
GMAX <address> <CR> Voltage [???] Current [???] [CR] [OK] [CR]	Get Maximum V & C
GCOM <address> <CR> [RS] RS485 Address [???] [CR] [OK] [CR]	Get RS232/RS485
CCOM <address> <RS> {000-255} <CR> [OK] [CR]	Change RS232/RS485
SOUT <address> <OFF> <CR> [OK] [CR]	Set Output
GOVP <address> <CR> Voltage [???] [CR] [OK] [CR]	Get Over voltage
SOVP <address> voltage {000-300} <CR> [OK] [CR]	Set Over Voltage
Note: BCD Code (only for Set EEPROM and Get All EEPROM data) ':' = 'A' ';' = 'B' '<' = 'C' '=' = 'D' '>' = 'E' '?' = 'F'	

[#] = 30h, 30h - 3fh, 3fh (2 bytes data)
[###] total 6 bytes data
[####] total 8 bytes data
[ON] on = 30h, off = 31h
[RS] <RS> = 30h RS232, 31h RS485

example:
3dh, 3bh = 11011011b
.gfedcba
└--- dot