

The CE-232 is a point-to-point device that allows the extension of eight control signals far greater in distance than that of conventional RS-232. The CE-232 is terminated to a DCE type device (on the RS-232 port) at one end of the communication link. A cable, fully shielded, is then terminated to the CE-232 and attached to another CE-232 at the corresponding end. The CE-232 transmits an inverted RS-423 signal. This allows all control signals to be transmitted, bi-directionally for distances that may equal up to 5000 ft.

CONTROL LEAD	RS-232 Pin (DB-25)	8 Pin Terminal Block
Transmit Data	2	6
Receive Data	3	1
Request To Send	4	7
Clear To Send	5	2
Signal Ground	7	8
Data Carrier Detect	8	3
Transmit Clock	15	4
Receive Clock	17	5

CONTROL LEAD TO CONNECTOR PINOUT

CAUTION: Disconnect Power Before Servicing
ATTENTION: Couper Le Courant Avant l' Entretien
VORSICHT: Befor Deckung Abnehmen Mach Strom Zu

VOLTAGE SELECTION

It is *very* important to check that the unit is set to the correct voltage setting for your application before applying AC power. Located on the rear of the unit you will find a rotary 110/220 VAC switch. Using a coin or small screwdriver, *gently* turn the switch to the appropriate power position as required for your installation (110 or 220 VAC).

VOLTAGE SELECTION FUSES

Located on the back or rear of the product you will find an IEC Power receptacle. This receptacle contains a fuse drawer. Two (2) fuses are located in this compartment. For 110 VAC +/- 10% operation the unit is equipped with slow blow 5 x 20mm 160ma Fuses, E.C.D. Part # 714000. For 220 VAC +/- 10% operation the unit is equipped with slow blow 5 x 20mm 80ma Fuses, E.C.D. Part # 714001. Spare fuses may be purchased by calling East Coast Datacom or by calling the fuse manufacturer: Little Fuse at 1+ (312) 824-3024 or Shurter, Inc. at 1+ (707) 778-6311

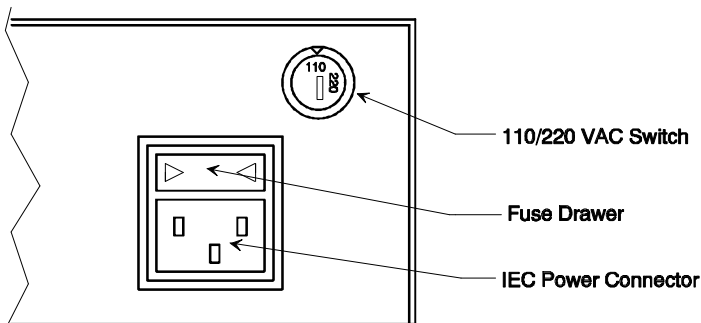
Little Fuse Part #'s are: 160ma = 218.160 and 80ma = 218.080

Shurter, Inc. Part #'s are: 160ma = 034.3109 and 80ma = 034.3106

POWER CONNECTION

Before connecting the CE-232s to an AC power source the top cover should be installed with the supplied #4-40 screws. AC power is supplied to the CE-232s through a 2.3m (6.6 ft) cord terminated by a grounded 3-prong plug. Select an appropriate location accessible to and within four to five feet of an AC outlet. The AC Power source **MUST** be grounded or the CE-232s Warranty will be void.

Power Connection
Figure 3-1



FRONT PANEL INDICATORS

Located on the front panel of the CE-232 are eight (8) LED indicators. The PWR indicator and TXD, RXD, RTS, CTS, DCD, TXD and RXC which represent the RS-232 control signals. The control signal indicators act as a break out box in that installation and trouble shooting are a straight forward process. When properly terminated and with the presence of DATA, all control signals are active between the two connected CE-232s and the LEDs illuminated.

DATA PORT CONNECTION

