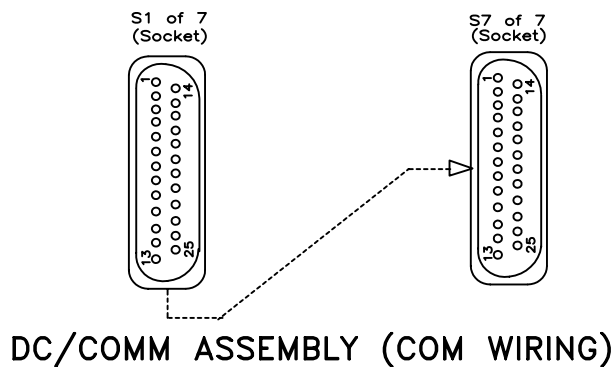
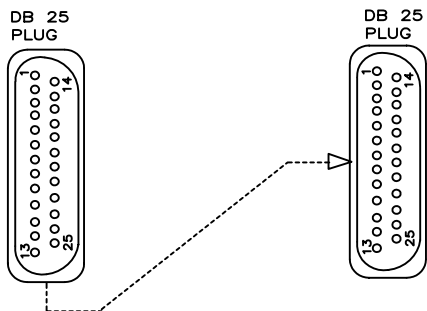


## COMMUNICATIONS INTERFACE

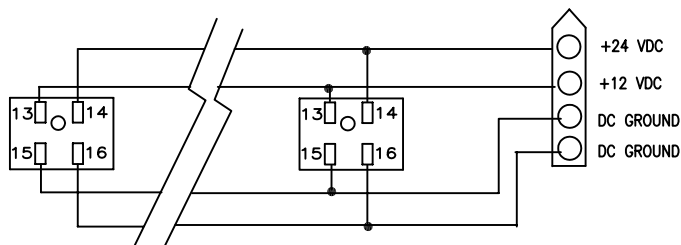


Pin	AT THE CONTROLLER	Pin	AT THE CONTROLLER
1	SB1 TXD+	14	SB1 TXD-
2	SB1 RXD+	15	SB1 RXD-
3	SB1 TXC+	16	SB1 TXC-
4	SB1 RXC+	17	SB1 RXC-
5	SB2 TXD+	18	SB2 TXD-
6	SB2 RXD+	19	SB2 RXD-
7	SB2 TXC+	20	SB2 TXC-
8	SB2 RXC+	21	SB2 RXC-
9	LINE SYNC+	22	LINE SYNC-
10	NRESET+	23	NRESET-
11	PWR DWN+	24	PWR DWN-
12	+5VDC ISO	25	EQ GND
13	ISO GND		



**COMM ASSEMBLY COMM HARNESS  
COMM HARNESS EXTENSION CABLE LENGTH 60"**

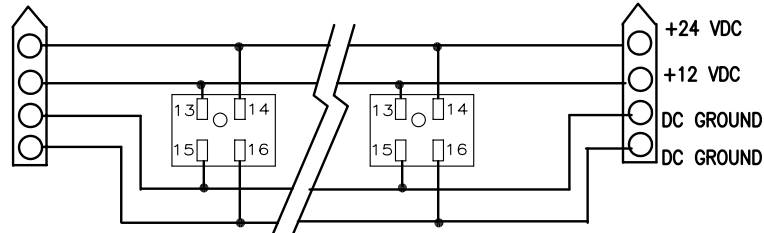
### DC/COMM ASSEMBLY (DC WIRING)



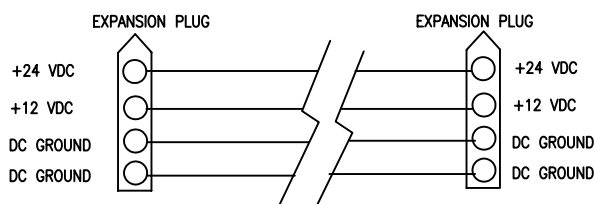
**DCP (DC Power) CONNECTOR**

Pin #	FUNCTION	Pin #	FUNCTION
PDC 14	+24VDC	PDC 13	+12VDC
PDC 16	DC GROUND	PDC 15	DC GROUND

### EXTENSION DC POWER BUS (WIRING)



### EXTENSION DC POWER BUS (HARNESS WIRING)



**NOTES:**

1. DC power cable shall be 14 Gauge Minimum.
2. Communications Interface shall meet CAT 5 electrical characteristics
3. DC Power/Communications Assembly DB25 D Sub Connectors shall be mounted with 4-40 jack female sockets

DC POWER EXTENSION PLUGS  
MOLEX 4 PIN .093" PLUG  
P/N 03-09-2042  
CABLE LENGTH IS 52"

<b>TITLE:</b>	
<b>DC POWER/COMMUNICATIONS ASSEMBLY WIRING DIAGRAM</b>	
<b>Rev Date 08-12-03</b>	<b>6-5-18</b>
<b>MAY 8, 2003</b>	