



16pos Phoenix Connector (x3)

1: +10V 3mA OUT
2: SIGNAL GROUND
3: -10V 3mA OUT
4: + REF IN
5: -REF IN
6: -TACH IN
7: +TACH/GND
8: CURR MONITOR OUT
9: CURRENT REF OUT
10: CONT CURRENT LIMIT
11: INHIBIT IN
12: +INHIBIT IN
13: -INHIBIT IN
14: FAULT OUT
15: SYNCH IN
16: SYNCH OUT

VFIELD: FIELD POWER 8-32V	7177 – TB2 Field Power Pins 1-8
VFIELD: FIELD POWER 8-32V	
VFIELD: FIELD POWER 8-32V	
VFIELD: FIELD POWER 8-32V	
VIN: FIELD I/O LOGIC PWR 8-32V	
NC:	
NC:	
Ground: VIN,VFIELD,COMMON	

GND: FROM 7177	7177 – TB6 RS-422 Interface Pins 1-8
GND: FROM 7177	
RX0: TO 7177	
/RX0: TO 7177	
TX0: FROM 7177	
/TX0: FROM 7177	
+5V: FROM 7177	
+5V: FROM 7177	

TB8

INPUT0
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
INPUT6
INPUT7
INPUT8
INPUT9
INPUT10
INPUT11
INPUT12
INPUT13
INPUT14
INPUT15
OUTPUT0
OUTPUT1
OUTPUT2
OUTPUT3
OUTPUT4
OUTPUT5
OUTPUT6
OUTPUT7

TB7

INPUT16
INPUT17
INPUT18
INPUT19
INPUT20
INPUT21
INPUT22
INPUT23
INPUT24
INPUT25
INPUT26
INPUT27
INPUT28
INPUT29
INPUT30
INPUT31
OUTPUT8
OUTPUT9
OUTPUT10
OUTPUT11
OUTPUT12
OUTPUT13
OUTPUT14
OUTPUT15

7177 – TB7 & TB8 Field Input and Output
TB8: Inputs 0-15 & Outputs 0-7
TB8: Inputs 16-32 & Outputs 8-15