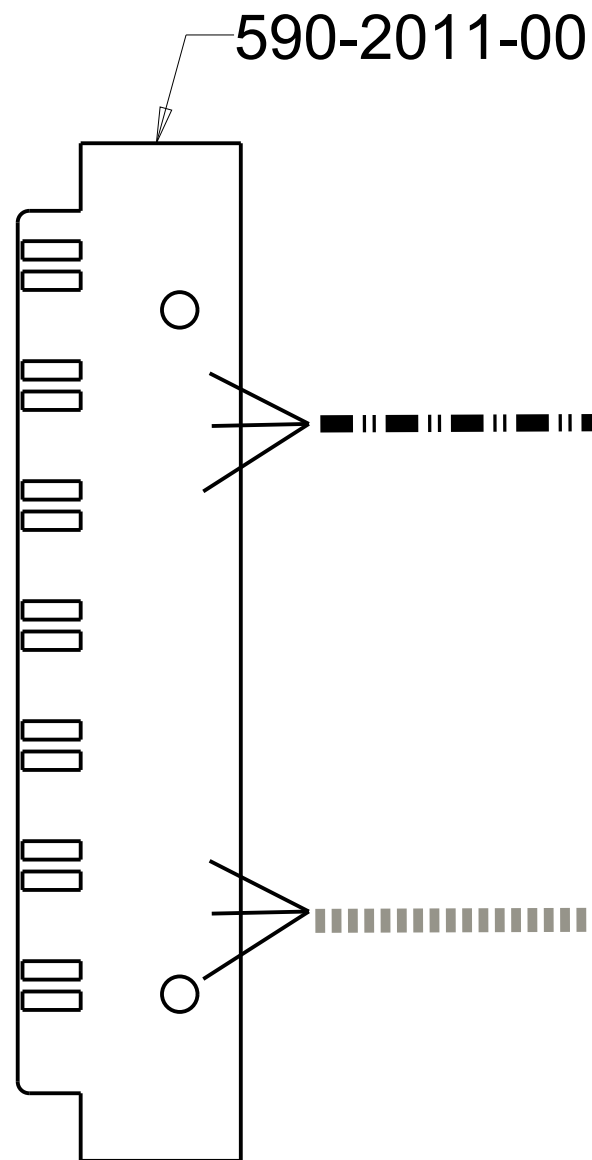


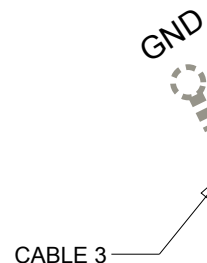
- NOTES:
1. SEE PAGE 2 FOR PIN OUT CHART
 2. ALL WIRE IS 24 AWG EXCEPT AUX POWER (20 AWG)
 3. APPLY HEAT SHRINK 1" LONG TO ALL MULTICONDUCTOR CABLES AND .5" BEYOND END OF SHEATH

TO CONNECTOR LOCATED
INSIDE BACK OF TRANSDATA CASE

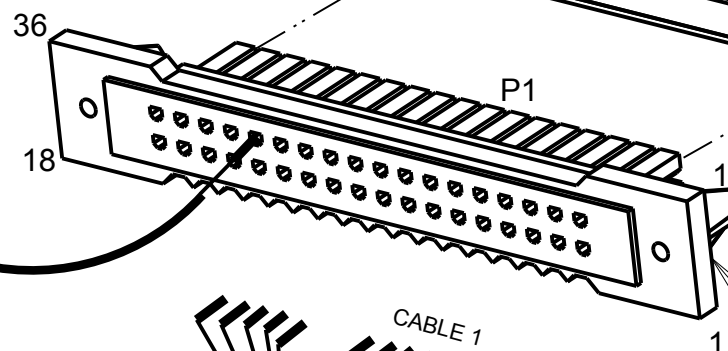


CABLE 1

CABLE 2



GND



MOLEX-MALE TERMINAL
39-00-0048 (REEL)
39-00-0049 (BAG)

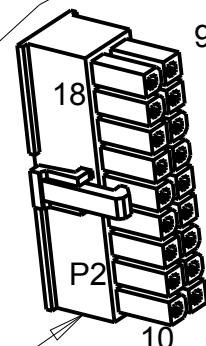
P6

P1

1

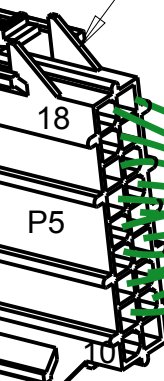
MOLEX-FEMALE TERMINAL
39-00-0038 (REEL)
39-00-0039 (BAG)

MOLEX-18 POSITION HOUSING
15-06-0185



MOLEX-18 POSITION HOUSING
39-01-2180

MOLEX-MALE TERMINAL
39-00-0048 (REEL)
39-00-0049 (BAG)



P5

P2

1

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

18

9

18

10

ION 8650 Retrofit Transdata Cable Connections (SUSI # SWIITS_-TM3-M8650 (#7D))

5/25/2017
650-2015-02-A

PCB / TB (22 pos)	Wire Length	Transdata Function	Cable ID	ION 8650 Description	Internal Plug	Pin	Wire Color
1	10"	Y2	Cable 2	OUTPUT C2-Y	P2	5	ORANGE
2	10"	Y1	Cable 2	OUTPUT C1-Y	P2	4	GREEN
3	10"	K2	Cable 2	OUTPUT C2-K	P2	6	BLUE
4	9.5"	K1	Cable 2	OUTPUT C1-K	P2	1	BLACK
5	9.5"	Z2	Cable 2	OUTPUT C2-Z	P2	3	RED
6	9"	Z1	Cable 2	OUTPUT C1-Z	P2	2	WHITE
7	9"	Y4	Cable 1	MODEM RING	P1	30	GREEN
8	8.5"	Y3	Cable 2	OUTPUT C3-Y	P2	10	Yellow
9	9"	K4	Cable 1	MODEM TIP	P1	29	RED
10	9"	K3	Cable 2	OUTPUT C3-K	P2	7	WHITE
11		Z4		No Connection			
12	9"	Z3	Cable 2	OUTPUT C3-Z	P2	8	RED
13	7.5"	RS-232 RTS	Cable 1	COM1 RS-232 RTS	P1	9	BLUE
14	7.5"	No Connection/RS232 TX	Cable 1	ETHERNET-RXN	P1	25	Brown
15	7.5"	RS-232 TX	Cable 1	COM1 RS-232 TXD	P1	7	Gray
16	7.5"	No Connection/RS232 TX	Cable 1	ETHERNET-RXP	P1	26	Purple
17	7.5"	RS-232 RX	Cable 1	COM1 RS-232 RXD	P1	6	Purple
18	7"	No Connection/RS232 RX	Cable 1	ETHERNET-TXN	P1	27	Green
19	7.5"	RS-232 GND	Cable 1	COM1 RS-232 GRND	P1	10	Purple
20	7.5"	No Connection/RS232 RX	Cable 1	ETHERNET-TXP	P1	28	Purple
21	7.5"	EXT Power	Cable 1	AUX Power L(+)	P1	35	Red
22	7.5"	EXT Power	Cable 1	AUX Power N(-)	P1	34	Black
Pin on back of case	9"	GND	Cable 3	AUX Power GND	P1	33	Green

Connectors		
P1	36 pin Molex connector	Internal
P2	18 pin Molex connector	Internal