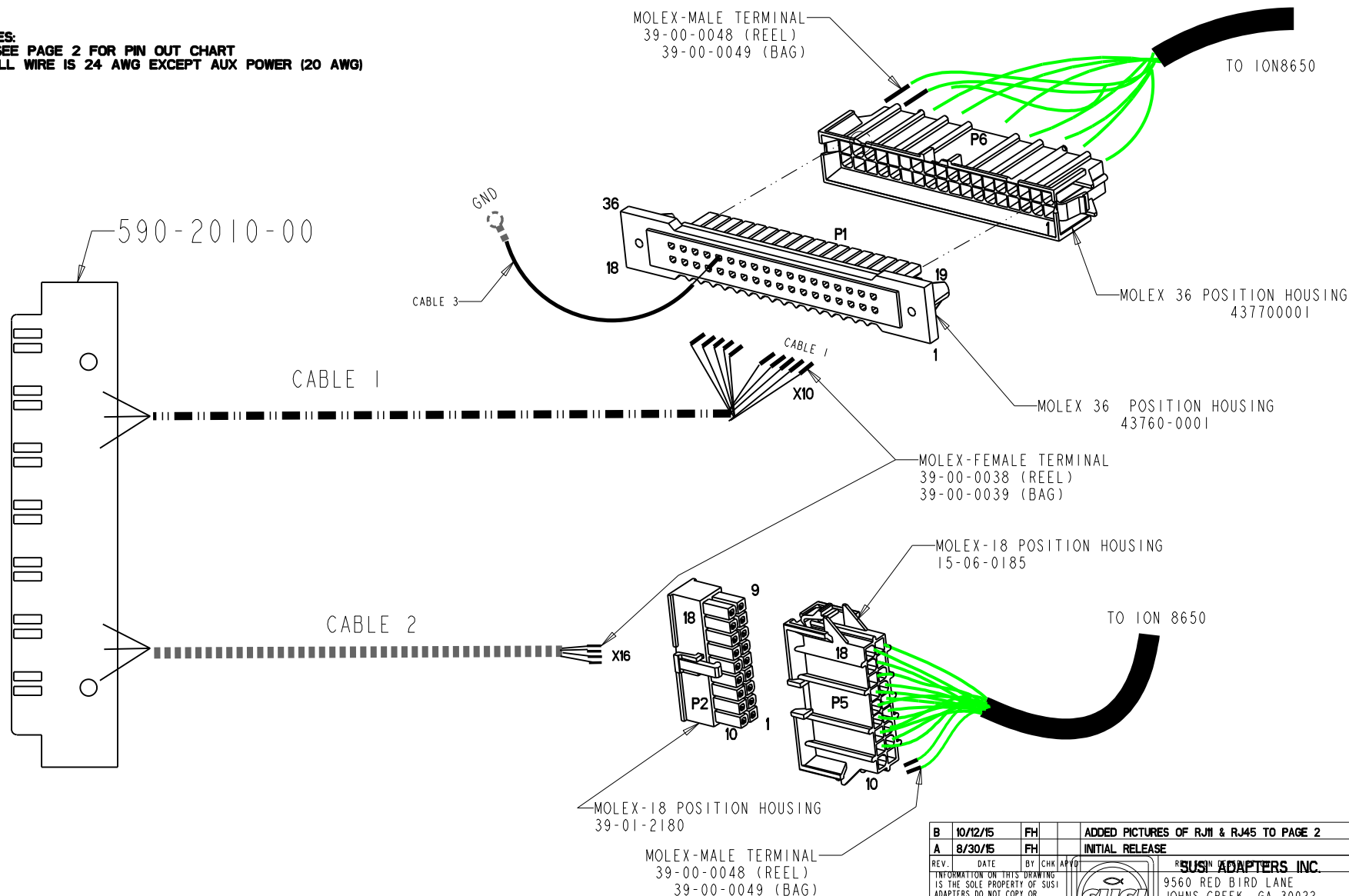


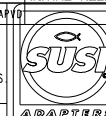
NOTES:

1. SEE PAGE 2 FOR PIN OUT CHART
2. ALL WIRE IS 24 AWG EXCEPT AUX POWER (20 AWG)

TO CONNECTOR LOCATED
INSIDE BACK OF JEMSTAR CASE



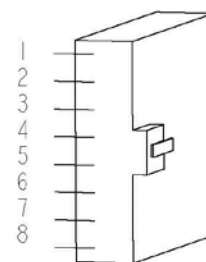
B	10/12/15	FH		ADDED PICTURES OF RJ11 & RJ45 TO PAGE 2
A	8/30/15	FH		INITIAL RELEASE
REV.	DATE	BY	CHK	APPV
INFORMATION ON THIS DRAWING IS THE SOLE PROPERTY OF SUSI ADAPTERS. DO NOT COPY OR DISTRIBUTE WITHOUT WRITTEN PERMISSION FROM SUSI ADAPTERS.				
INTERPRET PER ANSI Y14.5 DO NOT SCALE DRAWING! ALL DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE TOLERANCES SHALL BE: XXX : ±.005 X : ±.05 XX : ±.015 ANGLES: ±.0.5°				
DWG: FCH		PART		REV. B
DATE: 8/30/15		540-2014-01		
SHEET 1 of 1		SCALE: 0.250" = 1"		DWG SIZE: B



SUSI ADAPTERS INC.
9560 RED BIRD LANE
JOHNS CREEK, GA 30022
P. 770-448-6810 F. 770-448-7260
TITLE: CABLE, ASSEMBLY
FOR SWITSJ-JEMS WITH KYZ 485

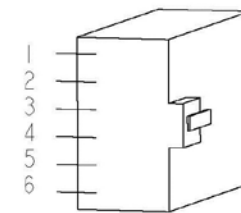
ION 8650 Retrofit JEMSTAR Cable Connections
(SUSI # SWIITSJ_-JEMS-M8650) Function - KYZ Board w/ RS-485

PCB / TB (28 pos)	Function - KYZ Board w/ RS-485	Cable ID	ION 8650 Description	Internal Plug	Pin	Wire Color
1 (RJ11-4)	Ring	Cable 1	MODEM-RING	P1	30	GREEN
2 (RJ11-3)	Tip	Cable 1	MODEM-TIP	P1	29	RED
3	K2	Cable 2	OUTPUT C2-K	P2	6	BLUE
4	Y1	Cable 2	OUTPUT C1-Y	P2	4	GREEN
5	Z1	Cable 2	OUTPUT C1-Z	P2	2	WHITE
6	Y2	Cable 2	OUTPUT C2-Y	P2	5	ORANGE
7	Z2	Cable 2	OUTPUT C2-Z	P2	3	RED
8	K1	Cable 2	OUTPUT C1-K	P2	1	BLACK
9	Z4	Cable 2	OUTPUT C4-Z	P2	9	GREEN
10	K3	Cable 2	OUTPUT C3-K	P2	7	WHITE
11	Y4	Cable 2	OUTPUT C4-Y	P2	11	BLUE
12	K4	Cable 2	OUTPUT C4-K	P2	12	Brown
13	Y3	Cable 2	OUTPUT C3-Y	P2	10	Yellow
14	Z3	Cable 2	OUTPUT C3-Z	P2	8	RED
15	Y5	Cable 2	OUTPUT A1-Y	P2	14	YELLOW
16	K5	Cable 2	OUTPUT A1-K	P2	13	GRAY
17 (RJ45-1)	Ethernet Tx +	Cable 1	ETHERNET-TXP	P1	28	Purple
18 (RJ45-2)	Ethernet Tx -	Cable 1	ETHERNET-TXN	P1	27	Green
19 (RJ45-3)	Ethernet RX +	Cable 1	ETHERNET-RXP	P1	26	Pink
20 (RJ45-6)	Ethernet RX -	Cable 1	ETHERNET-RXN	P1	25	Brown
21	IRIG-B +	Cable 2	IRIG-B+	P2	17	Brown
22	IRIG-B -	Cable 2	IRIG-B-	P2	18	ORANGE
23	No Connection					
24	No Connection					
25	RS-485 XMT/RCV+	Cable 1	COM4 RS-485 DATA +	P1	1	Red
26	Aux Power L	Cable 1	AUX Power L(+)	P1	35	Red
27	RS-232 XMT/RCV-	Cable 1	COM4 RS-485 DATA -	P1	2	Black
28	Aux Power N	Cable 1	AUX Power N(-)	P1	34	Black
Pin on back of case	GND	Cable 3	AUX Power GND	P1	33	Green



RJ45 ETHERNET

- 1- ETHERNET - TXP
- 2- ETHERNET - TXN
- 3- ETHERNET - RXP
- 4-
- 5-
- 6- ETHERNET - RXN
- 7-
- 8-



RJ11 TELEPHONE

- 1-
- 2-
- 3- MODEM-TIP
- 4- MODEM-RING
- 5-
- 6-

Connectors

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

10/10/2015
650-2014-01-C