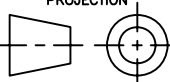


NOTES:

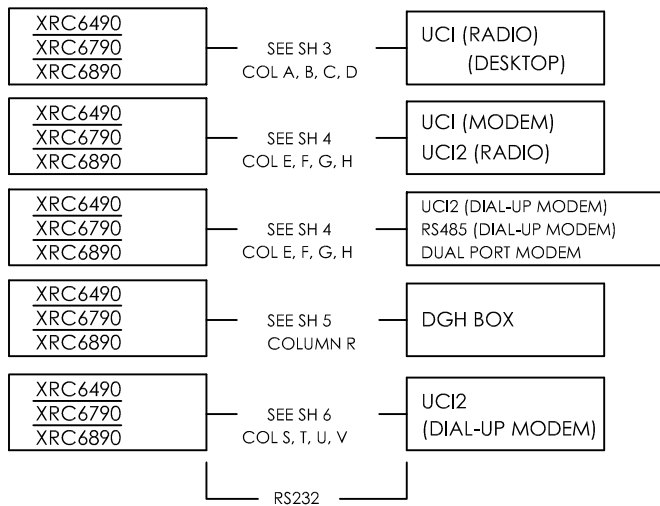
- 1 SWITCHED POWER OUT ON RADIO UCI ONLY
- 2 GRA WIRE NOT NECESSARY.
- 3 FACTORY ALWAYS WIRES DIAL-UP MODEM FOR CONTINUOUS POWER UNLESS CUSTOMER SPECIFIES SWITCHED POWER. TO ENABLE FCU SCHEDULER, REMOVE JUMPER.
- 4 JUMPER NOT NEEDED ON RS485 MODEM INTERFACE.
- 5 SPECIAL CASE RETROFIT ONLY IF RS485 MODEM INTERFACE IS USED AS A RETROFIT FOR A RADIO UCI WHEN USED WITH A UPS212 MODEM IN CONTINUOUS POWER MODE. THEN TB3-6 AND TB4-9 MUST BE JUMPERED TOGETHER.
- 6. ALL UNUSED WIRES ARE TO BE BENT BACK AND TAPED SO SHORTING CANNOT OCCUR. NOT PERMISSIBLE TO HAVE ANY UNUSED EXPOSED WIRES.
- 7 INSTRUCTIONS FOR USING THIS DOCUMENT: SELECT APPROPRIATE DRAWING FROM "REFERENCE INDEX" PAGE 2. SELECT THE DIAGRAM WHICH MATCHES YOUR CONFIGURATION AND GO TO THE SPECIFIED SHEET NUMBER.
- 8 12 VOLTS VBATT (WHT WIRE) USED TO POWER COMM DEVICE SHOULD ONLY BE ATTACHED TO A SINGLE RTU AND NEVER DAISY CHAINED.

REVISIONS					
REV	ACTION	DRAWN	CHECKED	APPROVED	DATE
AA	L12065	KASTNER	KASTNER	HOLLAND	01/12/03
AB	D13095	KASTNER	KASTNER	HOLLAND	02/03/13
AC	D20725	KASTNER	KASTNER	BUSHNELL	07/09/04

001		ITEM NO.	PART NUMBER	DESCRIPTION	REF/ZONE DESIG MATERIAL	UNIT MEAS
ASSEMBLY/QUANTITY						
DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		PRODUCT LINE TOTALFLOW®	LEVEL 3	ABB TOTALFLOW Products	
THIRD ANGLE PROJECTION	TOLERANCES ARE: DECIMAL ANGULAR .XX ± -- ± -- .XXX ± --		DESIGN G. HOLLAND	DATE 01/12	TITLE WIRING INTERCONNECT	
	BREAK ALL SHARP CORNERS AND EDGES DIMENSIONS APPLY BEFORE FINISH		DRAWN A. KASTNER	01/12/03	XRC6490 / 6790 / 6890	
			CHECKED A. KASTNER	01/12/03	WI	
			APPROVED G. HOLLAND	01/12/03	SCALE 1/1	SIZE B
					DWG. TYPE WI	DRAWING NO. 2100656
					REV AC	SHEET 1 OF 6

7

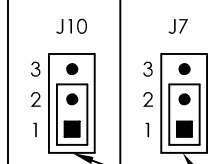
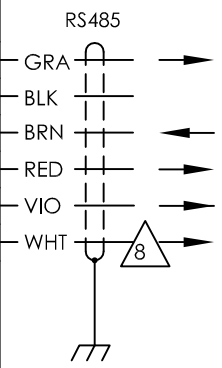
REFERENCE INDEX



XRC6490 / XRC6790 / XRC6890

ELEK PCBA
2100355-XXX
2103022-XXX
XRC G4

COMM2 J6B		COMM1 J6A	
4	OPER	4	OPER
2	GND	2	GND
7	BUS(-)	7	BUS(-)
9	BUS(+)	9	BUS(+)
5	RRTS	5	RRTS
1	VBATT	1	VBATT



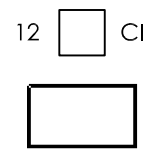
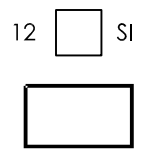
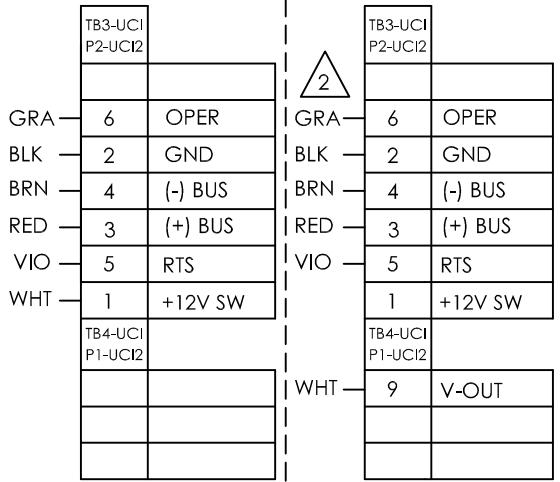
JUMPER ON J7
OR J10 TO BE
PLACED ON PINS
1 & 2 OF LAST
DEVICE ON
RS485 BUS ONLY

RS485 COMM MODULE
2015193-002

POWER FROM AIU/RTU/FCU

A	B
SWITCHED POWER	CONTINUOUS POWER

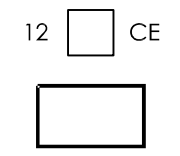
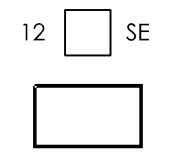
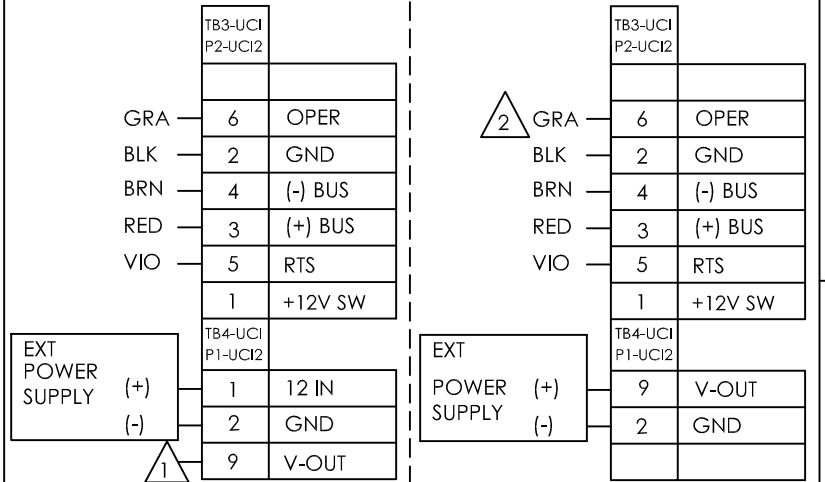
- RADIO UCI ASSY
2012630-004/007
- DESKTOP UCI ASSY
2012630-005
- RS485 MODEM
2017266-003 PCBA
- DUAL PORT MODEM
2017266-004 PCBA



EXT POWER SUPPLY

C	D
SWITCHED POWER	CONTINUOUS POWER

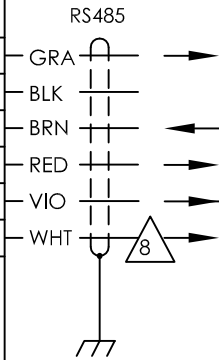
- RADIO UCI ASSY
2012630-004/007
- RADIO UCI ASSY
2012630-004/007
- DESKTOP UCI ASSY
2012630-005
- UCI2 ASSY
2017266-001 PCBA



XRC6490 / XRC6790 / XRC6890

ELEK PCBA
2100355-XXX
2103022-XXX
XRC G4

COMM2 J6B		COMM1 J6A	
4	OPER	4	OPER
2	GND	2	GND
7	BUS(-)	7	BUS(-)
9	BUS(+)	9	BUS(+)
5	RRTS	5	RRTS
1	VBATT	1	VBATT



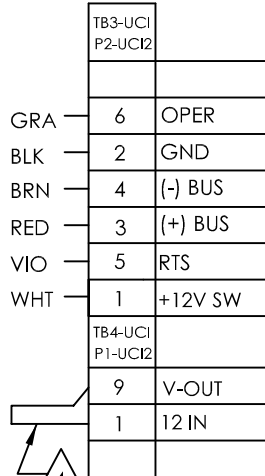
JUMPER ON J7
OR J10 TO BE
PLACED ON PINS
1 & 2 OF LAST
DEVICE ON
RS485 BUS ONLY

RS485 COMM MODULE
2015193-002

POWER FROM AIU/RTU/FCU

E
SWITCHED POWER

- MODEM UCI ASSY
2012630-006/008
- UCI2 (DIAL-UP MODEM)
2018323-001/002
2017379-001/002
- UCI2 ASSY
2017266-001 PCBA

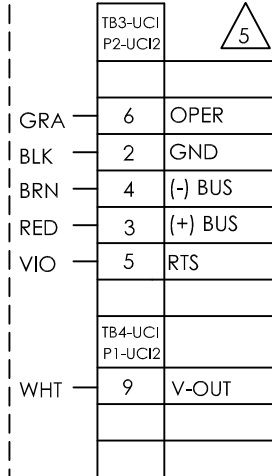


12V SI



F
CONTINUOUS POWER

- MODEM UCI ASSY
2012630-006/008
- UCI2 (DIAL-UP MODEM)
2018323-001/002
2017379-001/002
- UCI2 ASSY
2017266-001 PCBA



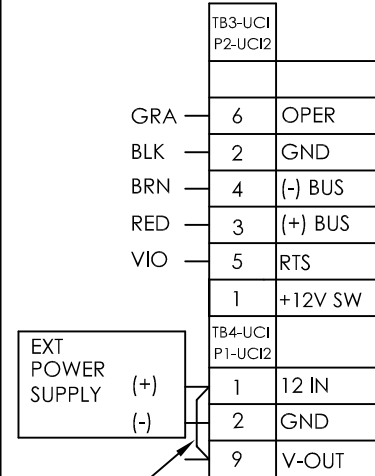
12V CI



EXT POWER SUPPLY

G
SWITCHED POWER

- MODEM UCI ASSY
2012630-006/008
- UCI2 (DIAL-UP MODEM)
2018323-001/002
2017379-001/002

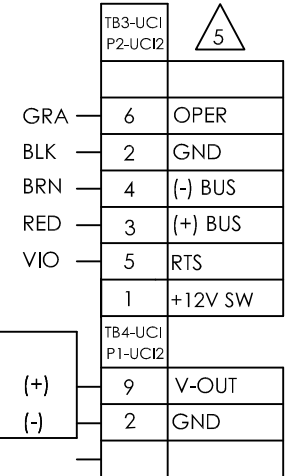


12V SE



H
CONTINUOUS POWER

- MODEM UCI ASSY
2012630-006/008
- UCI2 (DIAL-UP MODEM)
2018323-001/002
2017379-001/002



12V CE



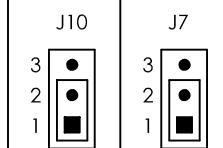
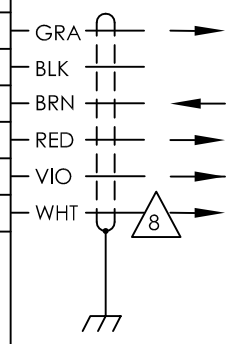
XRC6490 / XRC6790 / XRC6890

ELEK PCBA
2100355-XXX
2103022-XXX
XRC G4

COMM2 J6B	COMM1 J6A
--------------	--------------

4	OPER	4	OPER
2	GND	2	GND
7	BUS(-)	7	BUS(-)
9	BUS(+)	9	BUS(+)
5	RRTS	5	RRTS
1	VBATT	1	VBATT

RS485



JUMPER ON J7
OR J10 TO BE
PLACED ON PINS
1 & 2 OF LAST
DEVICE ON
RS485 BUS ONLY

RS485 COMM MODULE
2015193-002

POWER FROM AIU/RTU/FCU

EXT POWER SUPPLY

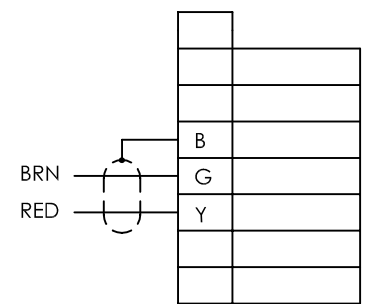
SWITCHED POWER

CONTINUOUS POWER

SWITCHED POWER

R
CONTINUOUS POWER

DGH BOX (DGH-A-1100)



XRC6490 / XRC6790 / XRC6890

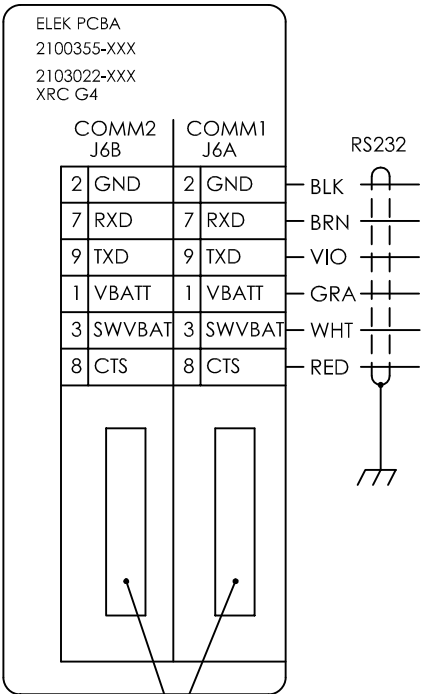
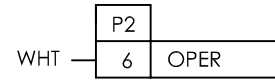
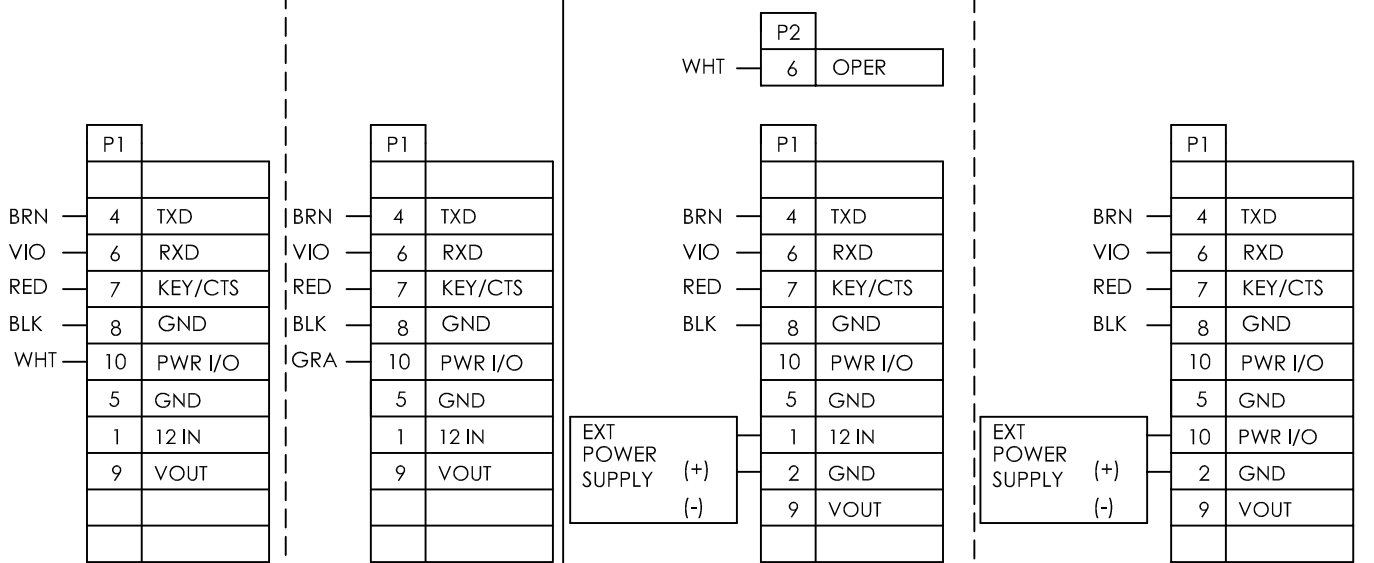
POWER FROM FCU

EXT POWER SUPPLY

S SWITCHED POWER		T CONTINUOUS POWER		U SWITCHED POWER		V CONTINUOUS POWER	
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• UC12 (DIAL-UP MODEM)
2018323-001/002
2017379-001/002

(SCHEDULER SOFTWARE REQUIRED)



RS232 COMM MODULE
2015192-001