NOTES:

1. SWITCHED POWER OUT ON UCI -001 & 002 ONLY.
2. TERMINATION RESISTOR OR JUMPERS ON LAST UNIT ONLY.
3. GRA WIRE NOT NECESSARY.
4. POWER FOR BARRIER MUST ORIGINATE FROM NON-HAZARDOUS AREA.
5. JUMPER NOT NEEDED ON RS485 MODEM INTERFACE.
6. 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.
7. D1 NOT NEEDED WHEN USING 2010210–004 & 201903–003. THESE DIODES MAY BE USED: D30914 (1N914JANNTX) D34001 (1N4001) D34004 (1N4004)
8. 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.
9. 12 VOLTS VBATT (WHT WIRE) USED TO POWER COMM DEVICE SHOULD ONLY BE ATTACHED TO A SINGLE FCU & NEVER DAISY CHAINED.

NOTES: CONTINUED

10. ALL FCU'S USING EXPLO PCBA SHOULD NOT USE: BAUD RATE FASTER THAN 4800.
     LISTEN TIME FASTER THAN 2 SECONDS
     EXCEPT FOR EXPLO WITH DUAL UARTS.
11. FACTORY ALWAYS WIRES U02 (DIAL-UP MODEM) FOR CONTINUOUS POWER UNLESS CUSTOMER SPECIFIED SWITCH POWER.
     TO ENABLE FCU SCHEDULER, REMOVE JUMPER.
UNIVERSAL COMMUNICATIONS INTERFACE (UCI). USED TO INTERFACE RADIO
EQUIPMENT WITH ABB TOTALFLOW HARDWARE. (CAN CONVERT RS-232 TO RS-485,
RS-485 TO MODETONE OR RS-232 TO MODETONE SIGNALS) MODEM SUPPORTS FSK
MODULATION AT 1200 BAUD ONLY. UC12 CAN CONVERT RS232 TO RS485.
UC12 DOES NOT CONVERT RS485 OR RS232 TO MODETONES.

RS-232 TO RS-485 CONVERTER USED WITH THE DATEL MODEM

UNIVERSAL COMMUNICATIONS INTERFACE (UCI). USED TO INTERFACE
A DIAL-UP MODEM TO ABB TOTALFLOW EQUIPMENT. (RS-232/RS-485)

RS-485 TO MODETONE CONVERTER (SUPPORTS FSK MODULATION AT 1200 BAUD)

RS-485/RS-232 BARRIER CONVERTER (DIV. 1 BARRIER)

THIRD PARTY RS-232/RS-485 CONVERTER FOR OFFICE