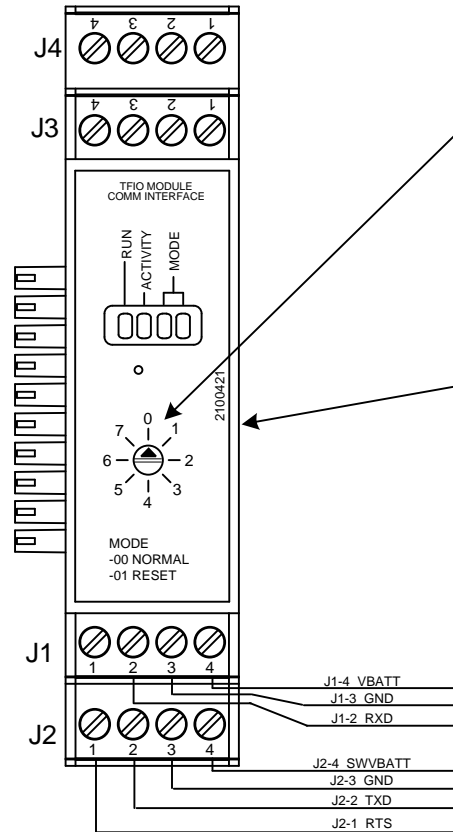NOTES:

1. WARNING: This drawing does not illustrate completely the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.

2. LED Indicators on TFIO:

   Run LED – Blinking indicates on-board PIC running.
   Activity LED – Blinking indicates buss activity.
   Mode LED – 00 = Normal   01 = Reset

3. LED Operation:

   Register 0.7.7 = 0 – Power Save Mode (LEDs off when MMI disconnected)
   Register 0.7.7 = 1 – LEDs on all the time.

4. Must have a Communications application instantiated for each COMM Module

5. Removed.

Dip Switch factory default address is set at 0. If another COMM INTERFACE TFIO is added, move that Dip Switch setting to 1. If more are added, use the next address in line for each.

Changing the address applies only to TFIOs of their own type, and not TFIOs of another type; those would also start at 0 and add new address of their own.

TIP: While 0 is recommended for the first one, any address can be used (But keep in mind the original config files in our software are built with this address and factory tests will look for it).

Tag displayed on side of TFIO

J4

J3

TFIO MODULE
COMM INTERFACE

RUN
ACTIVITY
MODE

2100421

7 0 1
6   2
5   3
4

MODE
-00 NORMAL
-01 RESET

J1
1 2 3 4

J2
1 2 3 4

J1-4 VBATT
J1-3 GND
J1-2 RXD

J2-4 SWVBATT
J2-3 GND
J2-2 TXD
J2-1 RTS

TFIO MODULE
COMM INTF

RS232 / RS485	RS232 / RS485
J1 Pin 1 - CTS / RCV+	J3 Pin 1 - N/A / Term+
J1 Pin 2 - RXD / RCV-	J3 Pin 2 - N/A / Term-
J1 Pin 3 - GND	J3 Pin 3 - No Connection
J1 Pin 4 - VBATT	J3 Pin 4 - No Connection
J2 Pin 1 - RTS / XMT+	J4 Pin 1 - No Connection
J2 Pin 2 - TXD / XMT-	J4 Pin 2 - No Connection
J2 Pin 3 - Gnd	J4 Pin 3 - No Connection
J2 Pin 4 - SWVBATT	J4 Pin 4 - No Connection

REF: NA