NOTES:
1. WARNING: This drawing does not illustrate 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. This is for a 24V power supply system.
3. Termination methods for COMM ports 1 and 2 are the same. All notes apply.
4. In this configuration COMM 1 may only be used to communicate with the listed devices. Use COMM 2 for other devices.
5. The RMC requires TFIO modules with the M2 designation to operate at 12 and 24 volts. All other functions of the module are the same.

For a COMM port to be activated the COMM module (Part # 2105236-001) must be in the slot for the appropriate COMM port. The module is software selectable for communication protocol type.

Point 8 Signal
Point 8 GND

Point 7 Signal
Point 7 GND

Point 6 Signal
Point 6 GND

Point 5 Signal
Point 5 GND

Point 1 Signal
Point 1 GND

Point 2 Signal
Point 2 GND

Point 3 Signal
Point 3 GND

Point 4 Signal
Point 4 GND

TFIO Module to be connected with a IO Module Cable “2103091-001, 24 inch” or “2103091-002, 42 inch” to J18 for adaptation for power.

50 Ohm Resistor

DI/DO
1 2 3 4 5 6

AI AO
1 2 3 4

GND

EXT POWER SUPPLY 24 VDC

RMC COMM PORT PINOUTS

<table>
<thead>
<tr>
<th>PIN</th>
<th>RS-232</th>
<th>RS-422</th>
<th>RS-485</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Voltage Out (VOUT)</td>
<td>Voltage Out (VOUT)</td>
<td>Voltage Out (VOUT)</td>
</tr>
<tr>
<td>2</td>
<td>Ground (GND)</td>
<td>Ground (GND)</td>
<td>Ground (GND)</td>
</tr>
<tr>
<td>3</td>
<td>Switched voltage (Sw VOUT)</td>
<td>Switched voltage (Sw VOUT)</td>
<td>Switched voltage (Sw VOUT)</td>
</tr>
<tr>
<td>4</td>
<td>Operate (OPER)</td>
<td>Operate (OPER)</td>
<td>Operate (OPER)</td>
</tr>
<tr>
<td>5</td>
<td>Remote request to send (RRTS)</td>
<td>Remote request to send (RRTS)</td>
<td>Remote request to send (RRTS)</td>
</tr>
<tr>
<td>6</td>
<td>Request to send (RTS)</td>
<td>Transmit bus+ (TBUS+)</td>
<td>Transmit bus+ (TBUS+)</td>
</tr>
<tr>
<td>7</td>
<td>Transmit data (TX)</td>
<td>Transmit bus- (TBUS-)</td>
<td>Transmit bus- (TBUS-)</td>
</tr>
<tr>
<td>8</td>
<td>Receive Data (RX)</td>
<td>Receive bus+ (RBUS+)</td>
<td>Not Used</td>
</tr>
<tr>
<td>9</td>
<td>Clear to send (CTS)</td>
<td>Receive bus- (RBUS-)</td>
<td>Not Used</td>
</tr>
</tbody>
</table>