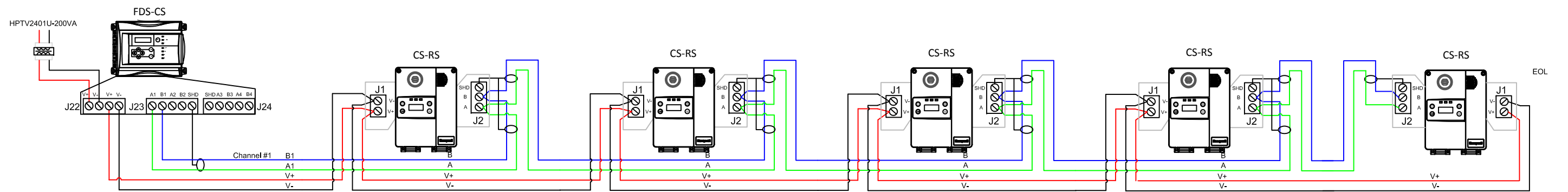


# NETWORK DIAGRAM



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Project: \_\_\_\_\_  
 Client: \_\_\_\_\_  
 Drawing number: \_\_\_\_\_  
 Rev. \_\_\_\_\_ Date: SEPT 4, 2012  
 Drawn by: SJJ  
 # Command: N/A Page: (1/1)



| relay 1: | <b>ALARM LEVEL A</b> | <b>Wiring VA301C</b><br><table border="1"> <thead> <tr> <th>Channel</th> <th>Wire gage</th> <th>Distance (ft)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>14 AWG</td> <td>1000</td> </tr> <tr> <td>2</td> <td>14 AWG</td> <td>1000</td> </tr> <tr> <td>3</td> <td>14 AWG</td> <td>1000</td> </tr> </tbody> </table> Communication Wire Gauge: 24-2 AWG (Belden 9841)<br>Twisted and shielded cable 2000 feet (600 m) per channel<br><b>NOTE: CONDUIT ENTRIES ARE LOCATED AT THE BOTTOM OF THE ENCLOSURES.</b> | Channel       | Wire gage | Distance (ft) | 1 | 14 AWG | 1000 | 2 | 14 AWG | 1000 | 3 | 14 AWG | 1000 |
|----------|----------------------|---|---------------|-----------|---------------|---|--------|------|---|--------|------|---|--------|------|
| Channel  | Wire gage            |   | Distance (ft) |           |               |   |        |      |   |        |      |   |        |      |
| 1        | 14 AWG               |   | 1000          |           |               |   |        |      |   |        |      |   |        |      |
| 2        | 14 AWG               |   | 1000          |           |               |   |        |      |   |        |      |   |        |      |
| 3        | 14 AWG               | 1000  |               |           |               |   |        |      |   |        |      |   |        |      |
| relay 2: | <b>ALARM LEVEL B</b> |   |               |           |               |   |        |      |   |        |      |   |        |      |
| relay 3: | <b>SPARE</b>         |   |               |           |               |   |        |      |   |        |      |   |        |      |
| relay 4: | <b>FAULT</b>         |   |               |           |               |   |        |      |   |        |      |   |        |      |

See the wiring details on the sheets included.  
 Consult the user guide for complete information.  
 The Honeywell products must be easy to access for maintenance.

| Type of gas:  | CH4 METHANE |  |  |  |  |
|---------------|-------------|--|--|--|--|
| Alarm level A | 25 % LEL    |  |  |  |  |
| Alarm level B | 50 % LEL    |  |  |  |  |
| Alarm level C | 90 % LEL    |  |  |  |  |