Installation Notes RIA 261

1.) Installation should be in accordance with the CEC Part 1.
2.) Programming in hazardous location is permitted.
3.) Suitable for use in Class I, Div. 1, Groups A, B, C, D
4.) CSA certified associated apparatus must meet the following requirements:
   \[ V_{oc} < V_{max}, U_i > C_i(RIA\ 261) + C_i (process\ transmitter) + C_{cable} \]
   \[ I_{sc}, I_i < I_{max}, I_{cable} \]
5.) Maximum Non-Hazardous Area Voltage must not exceed 250V.
6.) Ensure that the RIA 261 Enclosure is at the same potential as barrier ground.

Warning: Substitution of components may impair Intrinsically safety and Class I, Div. 2 installations

Entity Parameters for Terminals:

<table>
<thead>
<tr>
<th>RIA 261</th>
<th>INTRINSICALLY SAFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class I / Division 1 / Groups ABCD / T6</td>
<td>Ex ia IIC T6</td>
</tr>
</tbody>
</table>

Supply circuit (Terminal 1+ and 2-): (3 and 4)

\[ V_{max}, U_i < 30\ V \]
\[ I_{sc}, I_i < 100\ mA \]
\[ C_i\ RIA\ 261 = 0 \]
\[ L_i\ RIA\ 261 = 0 \]

Temperature range: T6, Ta: -20°C ... 60°C

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CONTROL DRAWING CSA
RIA 261

Kellermann
2001-01-10
Kellermann
2001-01-10

Sheet size A4

ENDRESS+HAUSER
WETZER

Drawing No.
02 06 00 112

NOTE: The above text is a natural language representation of the document content. The diagram and table are also included in the natural text. The document contains detailed instructions and specifications for the installation of the RIA 261 equipment in hazardous and non-hazardous locations, including requirements for associated apparatus, voltage limits, and temperature ranges.