Analyzing Unit Stratos® Evo Type A402B and Stratos® MS Type A405B

Hazardous Classified Area

Unclassified Area

WARNING – DO NOT OPEN WHEN ENERGIZED
WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

Notes:
1. Type A402B or Type A405B, used in one type of protection should not be used in another type of protection.
2. Type A402B is for use with a Module MK-MS095B or a Measuring Module Type MK-**. A Measuring Module used in one type of protection should not be used in another type of protection.
3. Type A405B is only for use with the Module MK-MS095B.
4. At the time of installation mark the selected type of protection on the equipment marking.
5. Use only certified cable glands and stopping plugs M20 x 1.5
   - Group I, II, III, Dc – IECEx IP54
   - Group II, II, III, DC – IECEx IP54
6. Openings and cable glands which are not used have to be closed.
7. The connector ends of twist-wires must be protected with wire end ferrules with plastic collar.

<table>
<thead>
<tr>
<th>Circuit</th>
<th>Terminals</th>
<th>Electrical Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface R485</td>
<td>A, B, C, D</td>
<td>( U_{in} = 5 ) V, ( I_{in} = 123 ) mA, ( P_{in} = 154 ) mW ( C_{in} = 12.3 \mu F ), ( L_{in} = 3 \mu H )</td>
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<tr>
<td>with Module MK-MS095B</td>
<td></td>
<td>( G_{in} = 987.57 ) mF, ( R_{in} = 27.7 ) mW, ( 10 ) mW, ( 2 ) mW</td>
</tr>
</tbody>
</table>

Type of protection ‘n’ and type protection by enclosure ‘Y’

The power supply circuit POWER is isolated from the circuits OUT2, OUT/HART, HOLD, CONTROL, REL1, REL2, ALARM, WASH up to a working voltage of 200 V AC/DC.

The galvanically connected circuits OUT2, OUT/HART, against the galvanically connected circuits HOLD, CONTROL, against the galvanically connected circuits REL1, REL2, against the circuit ALARM, against the circuit WASH are isolated from each other up to a working voltage of 32 V DC.

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