**Coupling device AGH150W-4**

**Product description**

The AGH150W-4 coupling device is designed to extend the nominal voltage range of the A-ISOMETER® IRDH265-4/IRDH365-4/IRDH1065B-4 series to DC 0…1760 V. The coupling device is connected to the system being monitored by two poles and connected to the terminal AK of the A-ISOMETER® by means of the terminal AK160.

**Approvals**

![Approvals](image)

**Wiring diagram**

![Wiring diagram](image)

**Technical data coupling device AGH150W-4**

**Insulation coordination acc. to IEC 60664-1**

<table>
<thead>
<tr>
<th>Rated insulation voltage</th>
<th>DC 1600 V</th>
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</thead>
<tbody>
<tr>
<td>Rated impulse voltage/pollution degree</td>
<td>12 kV/3</td>
</tr>
</tbody>
</table>

**Voltage ranges**

| Nominal system voltage $U_n$ | DC 0…1760 V |

**Other details**

- Shock resistance IEC 60068-2-27 (during operation) 15 g/11 ms
- Bumping IEC 60068-2-29 (during transport) 40 g/6 ms
- Vibration resistance IEC 60068-2-6 (during operation) 1 g/10…150 Hz
- Vibration resistance IEC 60068-2-6 (during transport) 2 g/10…150 Hz
- Ambient temperature (during operation) - 10 °C…+ 55 °C
- Ambient temperature (during storage) - 40 °C…+ 70 °C
- Climatic class acc. to DIN IEC 60721-3-3 3KS
- Operating mode continuous operation
- Mounting any position
- Connection flat terminals
- Connection properties rigid/flexible 0.2…4 mm²/0.2…2.5 mm²
- Degree of protection, internal components (DIN EN 60529) IP 30
- Degree of protection, terminals (DIN EN 60529) IP 20
- DIN rail mounting acc. to DIN EN 60715/IEC 60715
- Flammability class UL94V-0
- Operating manual BP109001
- Weight approx. 900 g

**Ordering information**

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal system voltage $U_n$</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGH150W-4</td>
<td>DC 1760 V</td>
<td>B 9801 8006</td>
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</tbody>
</table>

**Dimensions**

Dimensions are given in mm

- X: 5
- Y: 104
- Z: 71
- A: 62

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