## Technical Data

<table>
<thead>
<tr>
<th>Power supply</th>
<th>Description</th>
<th>MW*</th>
<th>Order No.</th>
<th>bbn 40 1079</th>
<th>EAN</th>
<th>Weight unit kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current consumption</td>
<td>From KNX &lt; 10 mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Mains voltage U_m</td>
<td>10...30 V DC via plug terminal</td>
<td></td>
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<tr>
<td>Power consumption</td>
<td>Max. 1.9 W at 10 V DC</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Current consumption</td>
<td>Max. 190 mA at 10 V DC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power dissipation</td>
<td>Max. 1.9 W at 10 V DC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated voltage U_r</td>
<td>12 V DC</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Rated current I_r</td>
<td>145 mA at 12 V</td>
<td></td>
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</tr>
</tbody>
</table>

### Connections
- **KNX**: Bus connection terminal
- **Operating voltage**: Connection terminal
- **Network**: RJ45 [10/100BaseT]

### Operating and display elements
- **LED red and button**: For assignment of the physical address
- **LED green**: Display operation
- **LED yellow**: Display network connection
- **Display KNX telegram traffic**

## Ordering Information

### Type | Description  | MW | Order No. | bbn 40 1079 EAN | Weight unit kg |
---     |--------------|----|-----------|----------------|----------------|
IPR/S 2.1 | IP Router    | 2  | 2CDG 110 061 R6011 | 65229 2      | 0.1            |
IPS/S 2.1 | IP Interface  | 2  | 2CDG 110 098 R6011 | 66484 4      | 0.1            |

* MW = module width in space units of 10 mm

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www.abb.com/knx

Your KNX-Partner
The IP Interface IPS/S 2.1 converts KNX telegrams to IP telegrams compliant to the KNXnet/IP specification, and also receives IP telegrams for conversion to KNX telegrams. A KNX system can thus be easily integrated into local networks. The interface can use the tunnelling function to send or receive all KNX telegrams of a line or an area, and ensures quick integration of a visualisation system. A PC with ETS programming software can be used in conjunction with the IPS/S to remotely program a KNX device over a network.

The IP Router in addition to the tunnelling function for point-to-point communication, also incorporates the functions of a line coupler (routing) and can thus distribute telegrams in the network to other lines or areas, as well as receive telegrams from there.