**BACnet IP To BACnet MS/TP Router**

Port ready for:
- Bacnet IP

Set Bacnet Device ID Number,
- IP Address, IP Netmask and Default Gateway from Magnum Keypad.

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Check label on the side of the MCS-BACNET-ROUTER2 for actual settings

Default Router settings:

**Bacnet IP:**
- Network Number: 1
- Port: 0xBAC0

**IP Address:** 192.168.1.254
- **IP Netmask:** 255.255.255.0
- **IP Gateway:** 192.168.1.1

**Bacnet MSTP**
- Network Number: 2
- Node Number: 127
- Baud Rate: 38400
- Max Master: 127

For changes of these settings
Please contact Micro Control Systems technical support at 239-6940089

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**MCS-Bacnet-Router kit includes:**

A - (1) MCS-Bacnet-Router-2
B - (1) Crossover ethernet cable
C - (1) 6” Din-Rail
D - (2) # 8 x 3/8” Panhead SM screw
E - (2) # 8 Flat Washer
F - 5’ 18 AWG Black wire.
G - 5’ 18 AWG Red wire.
H - (1) 3’ 18 AWG Green wire.
   Each wire has a ring terminal

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<table>
<thead>
<tr>
<th>Terminal</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>BACnet MS/TP Reference</td>
</tr>
<tr>
<td>5</td>
<td>BACnet MS/TP Non-Inverting Input</td>
</tr>
<tr>
<td>6</td>
<td>BACnet MS/TP Inverting Input</td>
</tr>
<tr>
<td>8</td>
<td>Ethernet 100BaseT</td>
</tr>
<tr>
<td>15</td>
<td>Earth Ground</td>
</tr>
<tr>
<td>16,17</td>
<td>Power Supply 12-35 VDC or 12-24 VAC +/- 10% Do not connect terminal 17 to earth ground!</td>
</tr>
</tbody>
</table>

**MICRO CONTROL SYSTEMS inc.**

Date: 11/17/10 Page 1 of 1
Drawn by: Mitchell, I
Revision #: F
Drawing Name: BACnet IP To MS/TP