FACT SHEET

Fieldbus communication
BACnet MS/TP for PSTX softstarter

BACnet MS/TP is a complete communication module which is integrated into an PSTX softstarter to make it communicate on a BACnet MS/TP network.

BACnet MS/TP
BACnet (Building Automation and Control) protocol is the communication protocol mainly used for products used in HVAC. Softstarters are frequently used in building applications and we offer a PSTX product that can communicate directly via BACnet, without any protocol converters such as gateways. The anybus module have solid security to prevent unauthorized software to be downloaded to the module. Furthermore, encryption is used to prevent illicit copying.

Ordering details

<table>
<thead>
<tr>
<th>Module</th>
<th>Type</th>
<th>Order code</th>
<th>Pkg</th>
<th>KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACnet MS/TP</td>
<td>AB-BACNET-MSTP-1</td>
<td>15FA899300R1011</td>
<td>1</td>
<td>0.042</td>
</tr>
</tbody>
</table>

Technical Details

- **Dimensions (LxWxH)**: 52x50x22 mm, 2.04x1.97x0.86” (modules without housing)
- **Protection class**: IP20
- **RoHS Compliance**: Yes
- **Profile support**: B-ASC
- **Connectors**: 5 screw terminals
- **LED indicator**: Integrated on front (with housing), via application interface (without housing). Indicates Module Status and Network Status

Certifications

- CE, CULUS, RoHS: Yes
- **CE - Declaration of Pre-Conformity**
  - Emission EN 61000-6-4: EN55016:2-3 Radiated emission, EN55022 Conducted emission
  - Immunity EN 61000-6-2: EN61000-4-2 Electrostatic discharge, EN61000-4-3 Radiated immunity, EN61000-4-4 Fast transients/burst, EN61000-4-5 Surge immunity, EN61000-4-6 Conducted immunity

Electrical Characteristics

- **Power requirements**: 3.3 VDC, +/- 0.15 VDC

Environmental Characteristics

- **Operating temp**: -40 to 70°C, -40-158°F
- **Humidity**: 5-95% non-condensing

---

For more information, please contact your local ABB representative or visit https://new.abb.com/drives/softstarters

Anybus® is a registered trademark of HMS Industrial Networks AB, Sweden, USA, Germany and other countries. Other marks and words belong to their respective companies. All other product or service names mentioned in this document are trademarks of their respective companies.