FACT SHEET
Fieldbus communication
PROFIBUS

PROFIBUS is a complete communication module which enables your products to communicate on a PROFIBUS network.

Fast communication
Innovative mounting
Robust design

Fast and easy communication
Profibus (Process Field Bus) is a standard for fieldbus communication in automation technology. PROFIBUS DP (Decentralized Peripherals) is a standard for fieldbus communication in automation technology and is used to operate sensors and actuators via a centralized controller in production and factory automation applications. 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>PROFIBUS</td>
<td>AB-PROFIBUS-1</td>
<td>1SFA899300R101</td>
<td>1</td>
<td>0.042</td>
</tr>
</tbody>
</table>

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

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Technical Details

<table>
<thead>
<tr>
<th>Dimensions (LxWxH)</th>
<th>52x50x22 mm, 2.04x1.97x0.86&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection class</td>
<td>IP20</td>
</tr>
<tr>
<td>RoHS Compliance</td>
<td>Yes</td>
</tr>
<tr>
<td>Galvanically isolated network interface</td>
<td>Yes</td>
</tr>
<tr>
<td>Profile support</td>
<td>I/O</td>
</tr>
<tr>
<td>LED indicator</td>
<td>Integrated on front (with housing), via application interface (without housing). Indicates Module Status and Network Status.</td>
</tr>
</tbody>
</table>

Certifications

- UL, cUL
- Network conformance
- 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 oC, -40-158 oF
  - -40 to 85 oC, -40-176 oF (modules without housing)
- Humidity: 5-95 % non-condensing