**Fast and easy communication**

EtherNet/IP is a variant of the Common Industrial Protocol (CIP) family of communication protocols intended for supervision and control of automation equipment. Specifically, it covers the use of CIP messaging over an IP network, using Ethernet as the media. The anybus module has solid security to prevent unauthorized software from being downloaded to the module. Furthermore, encryption is used to prevent illicit copying.

**Technical details**

<table>
<thead>
<tr>
<th>Dimension (LxWxH)</th>
<th>52x50x22 mm, 2.04x1.97x0.86&quot; (modules without housing)</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>Generic device</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: Yes
- Network conformance: Yes (interoperability tested. plugfest approved)

**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 requirement: 3.3 VDC, ±0.15 VDC

**Environmental characteristics**

- Operating temp: -40 to 70 °C, -40 to 158 °F (modules without housing)
- Humidity: 5-95 % non-condensing

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

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