

FACT SHEET

Fieldbus communication EtherNet/IP



- Fast communication
- Innovative mounting
- Robust design

EtherNet/IP is a complete communication module which is integrated into an industrial device to make it communicate on a EtherNet/IP network.

01 EtherNet/IP

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 have solid security to prevent unauthorized software to be downloaded to the module. Furthermore, encryption is used to prevent illicit copying.

Ordering details

Module	Type	Order code	Pkg	KG
EtherNet/IP (2-port)	AB-ETHERNET-IP-2	1SFA899300R1006	1	0.028

Technical details

Dimensions (LxWxH)	52x50x22 mm, 2.04x1.97x0.86" 51x37x16 mm, 2.014.46x0.63" (modules without housing)
Protection class	IP20
RoHS Compliance	Yes
Galvanically isolated network interface	Yes
Profile support	Generic device
LED indicator	Integrated on front (with housing), via application interface (without housing). Indicates Module Status and Network Status.

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 requirements	3.3 VDC, +/- 0.15 VDC
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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

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

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