

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ACS 380

FEIP-21 3AXD50000192793

TWO-PORT ETHERNET/IP ADAPTER

Used with the applicable ABB drive fieldbus adapters configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: ABB official manufacturer documentation

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General data

Installation	Into an option slot on the drive control unit
Degree of protection	IP20
Ambient conditions	The applicable ambient conditions specified for the drive in its manuals are in effect.
Package	Cardboard. Plastic wrapping: Antistatic air bubble sheet (PE).
Indicators	Three bicolor LEDs (HOST, MODULE, NETWORK/NET)
Connectors	A 20-pin connector to the drive RJ-45 connector to Ethernet (X1) RJ-45 connector for chaining another adapter module (X2)
Power supply	+3.3 V $\pm$ 5% max. 400 mA (supplied by the drive)
General	Complies with EMC standard EN 61800-3:2004 Printed circuit board conformal coated

Ethernet link

Compatible devices	Ethernet Standard IEEE 802.3 and IEEE 802.3u devices.
Medium	10BASE-TX or 100Base-TX with Auto-negotiation and Auto-MDIX (Auto-crossover) • Wiring: CAT5e/6 S/FTP, CAT5e/6 S/STP, CAT5e/6 SF/FTP • Connector: RJ-45 • Termination: Internal • Maximum segment length: 100 m (328 ft)
Topology	Bus, star or ring. A maximum of 50 nodes is permitted for FEIP-21 module in a ring topology. In a chain the maximum recommended number of nodes is 50.
Transfer rate	10 Mbps or 100 Mbps
Minimum RPI	1 ms
Serial communication type	Half-duplex or full-duplex communication
Protocol	EtherNet/IP
Number of connections	Three

TCP and UDP service ports

There are multiple in-bound and out-bound network services running on the module. Some ports are protocol-specific and are not used when other protocols are selected.

Port	Service	Purpose
80 (TCP)	HTTP	HTTP protocol, used for Ethernet tool Network (like Drive composer pro). To disable, go to Service Configuration parameter 51.15 .

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Technical data

Contents of this chapter

This chapter contains the technical specifications of the FEIP-21 module.

Dimension drawing

