

ABB FEIP-21 3AXD50000192793 Assembly Verification

Product Reference

ABB FEIP-21 EtherNet/IP Adapter – Assembly Identifier Verification

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

Product / lookup identity	ABB FEIP-21 3AXD50000192793 Assembly Verification
Reference number	3AXD50000192793
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/feip-21-3axd50000192793-assembly-verification>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

ABB FEIP-21 is an F-series two-port EtherNet/IP fieldbus adapter; ABB's certificate identifies requested code 3AXD50000192793 as the hardware/assembly identifier, while ABB's current public product ID is 3AXD50000192786, and the cited sources do not establish that either identifier supersedes the other. It connects the drive to an EtherNet/IP controller and carries drive control commands, speed or torque references, process actual values or PID references, status and actual values, fault-reset commands, and drive parameter read/write data between the automation network and the drive. System context: ABB FEIP-21 EtherNet/IP Adapter - Assembly Identifier Verification.

Published field	Manufacturer-published value or verified identity note
Manufacturer	ABB
Model	FEIP-21
Requested / certificate assembly identifier	3AXD50000192793 (not the current loose-item product ID)
Current ABB public product ID	3AXD50000192786
Identifier relationship	Both identifiers are ABB-published; no supersession relationship is claimed.
Product type	F-series two-port EtherNet/IP fieldbus adapter
Adapter family	F-series

System function and signal path

01	Control Path: EtherNet/IP control words and commands can start, stop, run-enable, reset faults, and otherwise control the connected drive according to the selected ABB or ODVA drive profile.
02	Reference Path: The controller sends speed, torque, or process references to the drive, and the adapter returns drive status words, actual speed/torque/process values, and selected parameter data.
03	Parameter Access: The module supports drive parameter read/write services and configuration groups through the fieldbus adapter interface.
04	Network Processing: The embedded two-port switch supports star, daisy-chain, and DLR ring communication at 10/100 Mbps; DLR provides the protocol's single-fault-tolerant ring behavior when correctly engineered.

Applications, answers, and official sources

1 EtherNet/IP drive control: Links a compatible ABB drive to a PLC or controller for command, reference, status, actual-value, and parameter exchange.

2 Device Level Ring networks: Uses the integrated two-port switch in a correctly configured DLR ring without a separate DLR switch at each drive.

3 Daisy-chained drive cells: Connects multiple compatible drive nodes through the two RJ-45 ports, subject to ABB's recommended node and cable limits.

4 Drive startup and diagnostics: Provides supported Drive Composer Pro and optional OPC UA access for commissioning, monitoring, and diagnostic workflows while network security controls are applied.

Frequently asked questions

What is ABB FEIP-21?	It is an F-series two-port EtherNet/IP fieldbus adapter that plugs into a compatible ABB drive control unit.
Is 3AXD50000192793 the verified ABB code?	Yes. ABB's 2026 certificate revision list maps FEIP-21 to F-series assembly code 3AXD50000192793.
What information does FEIP-21 exchange?	It exchanges control commands, speed or torque references, process references/actuals, drive status and actual values, fault resets, and parameter data.
How many Ethernet ports are provided?	Two RJ-45 ports with an integrated Ethernet switch.
Which network topologies are supported?	Star, daisy-chain, and Device Level Ring topologies.
What speed and cable length are supported?	10 or 100 Mbps, with a maximum twisted-pair segment length of 100 m.

Official ABB sources

ABB FEIP-21 EtherNet/IP adapter module product page	https://www.abb.com/global/en/areas/motion/drives/connectivity/fieldbus/ethernet-ip/feip-21
FEIP-21 EtherNet/IP fieldbus adapter module User's Manual	https://library.e.abb.com/public/0e88f4d79d9848a09ead05894e6ae608/EN_FEIP-21_UM_D.pdf
IEC 62443-4-2 SL1 Cyber Security Certificate Revision List	https://library.e.abb.com/public/d747ad088eda4ffb84bae778b737d059/9AKK108472A8852_EN_A_IEC%2062443-4-2%20SL1%20Cyber%20Security%20Certificate%20Revision%20List%201.pdf
FEIP-21 EtherNet/IP adapter module User's Manual Rev B	https://library.e.abb.com/public/01479acb6c2e4b91bed4af1ae941a80c/EN_FEIP-21_UM_B_A4.pdf