

SPIET800

System Integration and Verification Reference

The ABB Ability Symphony Plus SPIET800 is an INFI-Net-to-Ethernet transfer module. It connects the INFI-NET control network to a host computer used for engineering, operator-interface or general application access.

Manufacturer	ABB / Elsasg Bailey
Complete model	SPIET800
Product description	Symphony Plus INFI-Net to Ethernet Transfer Module
Prepared by	Apter Power
Document ID	AP-ABB-SPIET800-SI-R1
Revision / issue	R1 / 2026-08-26

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SPIET800

1. System role

The module transports control-network data transactions between INFI-NET and host applications. It supports Symphony Plus Engineering, Symphony Plus Operations or 800xA for Symphony Plus Harmony, and Harmony OPC Server connections. It is a communications module, not a direct field-measurement module.

What the product handles

INFI-NET and Ethernet communications data; field signal characteristics remain defined by the connected control and I/O modules.

Required companion components

INFI-NET network, Symphony Plus Engineering, Symphony Plus Operations, 800xA for Symphony Plus Harmony, Harmony OPC Server.

Where it is used

Industrial control-network engineering access, operator visualization and OPC/general host integration in Symphony Plus Harmony systems.

Pre-installation record

Parameter	Verified value
Identity	Record complete model SPIET800 and every revision/suffix from the nameplate
Evidence	Retain the cited manufacturer PDF and site-approved drawings
Configuration	Back up the approved controller, network or module configuration
Connections	Label cables, terminals, module positions and field wiring
Commissioning	Define a point-by-point or communication verification plan

2. Installation and commissioning controls

Recommended verification sequence

Parameter	Verified value
1 - Identify	Match the full nameplate and physical construction
2 - Isolate	Follow site lockout, electrical-safety and ESD procedures
3 - Compare	Confirm companion hardware, cables, termination and revision compatibility
4 - Install	Use manufacturer mounting, grounding and environmental requirements
5 - Configure	Restore only the approved configuration and documented settings
6 - Test	Verify communications, diagnostics and every affected process function
7 - Release	Record results and obtain the required site authorization

Model-specific precautions

- Verify the installed firmware revision and follow ABB cybersecurity recommendations before connecting or updating the module.
- Back up the approved system configuration and schedule firmware work under site change-control procedures.
- Do not infer field channel types or ratings from this communication module; verify the companion I/O documentation.

Manufacturer source PDFs

Manufacturer document	Direct PDF
ABB 7PAA001353 Rev D cybersecurity advisory	Open PDF in a new window
ABB official advisory - Apter-hosted copy	Open PDF in a new window

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