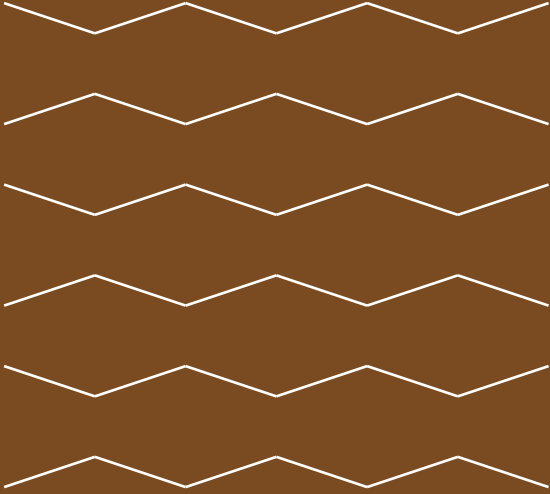


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB SPIIT13

Product Reference

ABB Symphony Plus Local Cnet Transfer Module



DOCUMENT SCOPE

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

Product / lookup identity	ABB SPIIT13
Reference number	SPIIT13
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/spiit13>

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Product role and published parameters

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

ABB SPIIT13 is an HR Series local transfer module for ABB Ability Symphony Plus communication architectures. Its documented function is to facilitate communication between two local Cnets, transferring control-system network information rather than measuring analog or digital field channels. The module contains 8 MB DRAM, 512 KB NVRAM and 2 MB flash ROM and provides a P4 RS-232-C diagnostic port for service access. It is the transfer-module element in the SPIIL02-L INFI-Net-to-INFI-Net local interface bundle, used with ABB network-interface modules, communication cables, termination units, mounting hardware and a field termination panel in installed Symphony Plus or INFI-Net control networks.

Published field	Manufacturer-published value or verified identity note
Module type	Local transfer module
System area	ABB Ability Symphony Plus HR Series communication
Documented network function	Facilitates communication between two local Cnets
DRAM	8 MB
NVRAM	512 KB
Flash ROM	2 MB
Power requirement	+5 V DC at 2 A; 10 W typical

System function and signal path

01	Network Data: The official catalog describes transfer of Cnet communications between two local Cnets.
02	Diagnostics: P4 RS-232-C diagnostic port.
03	Field Signal Channels: No analog-input, analog-output, digital-input or digital-output channel count is published for SPIIT13; do not describe it as an I/O module.
04	Communication Rate: Not published for SPIIT13 in the cited catalog. The Cnet rates printed for the adjacent SPNIS21 entry must not be copied into the SPIIT13 specification.

Applications, answers, and official sources

1 Local Cnet interconnection: Transfers control-system network communications between two local Cnets in an ABB-documented architecture.

2 INFI-Net local interface: Serves as the transfer-module component in the SPIIL02-L INFI-Net-to-INFI-Net local interface bundle.

3 Symphony Plus installed-base communication: Supports a plant control network that uses the HR Series Cnet interface components documented by ABB.

4 Network-module diagnostics: Provides the documented P4 RS-232-C diagnostic port for qualified service work; it is not published as a general process serial interface.

Frequently asked questions

What is ABB SPIIT13?	SPIIT13 is an ABB HR Series local transfer module for Symphony Plus communication systems.
What does SPIIT13 connect?	ABB states that it facilitates communication between two local Cnets.
Is SPIIT13 an analog or digital I/O module?	No field I/O channel count is published for SPIIT13. ABB describes it as a network local transfer module, not as an analog or digital I/O module.
What memory is installed?	ABB lists 8 MB DRAM, 512 KB NVRAM and 2 MB flash ROM.
What power does SPIIT13 require?	The official catalog lists +5 V DC at 2 A, with 10 W typical consumption.
Which service port is provided?	It has a P4 RS-232-C diagnostic port. ABB does not describe this port as the Cnet process-network connection.