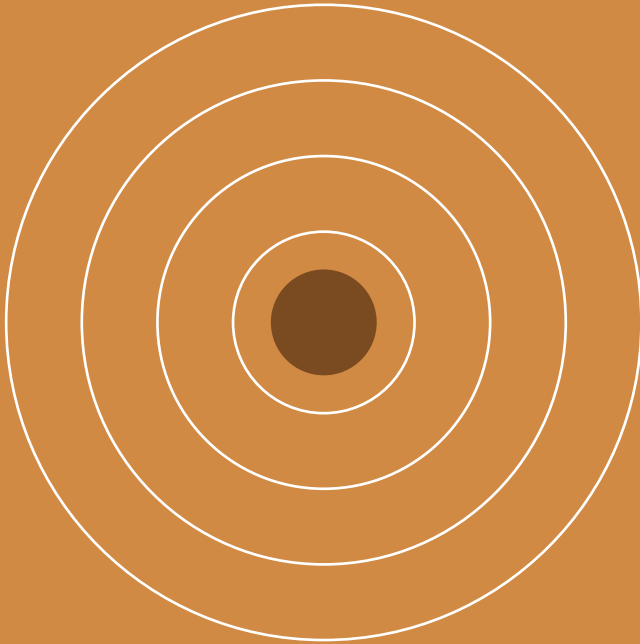


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB SPIIT13

Process Interface Integration Guide

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>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Process-interface signal path

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.

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.

System and signal boundaries

01	Verification Status: VERIFIED_MODEL_AND_FUNCTION_FROM_CURRENT_ABB_CATALOG
02	Exact Mapping: ABB identifies SPIIT13 as a local transfer module that facilitates communication between two local Cnets.
03	Lifecycle Status: SPIIT13 is included in the current ABB Ability Symphony Plus Product Catalog, edition D. The catalog does not assign a model-specific lifecycle phase, so do not publish Active...

Interface integration checks

01	Confirm that the target system uses two compatible local Cnets and the ABB-documented SPIIL02-L architecture before installation.
02	Verify the module nameplate, revision, rack/mounting unit, SPNIS21 modules, NTCL01 termination units and NKLS01-10 cables against the current site documentation.
03	Provide the documented +5 V DC supply at 2 A and keep the module within the 0 to 70 deg C ambient range.
04	Treat P4 as the documented RS-232-C diagnostic port; do not wire it as a process I/O or substitute it for the Cnet interfaces.
05	Do not copy Cnet speed or node-capacity values from the neighboring SPNIS21 catalog entry into the SPIIT13 data table.
06	Back up and verify the system communication configuration and test both local Cnet paths before returning the control network to service.

Identity and release controls

Verification Status	VERIFIED_MODEL_AND_FUNCTION_FROM_CURRENT_ABB_CATALOG
---------------------	--