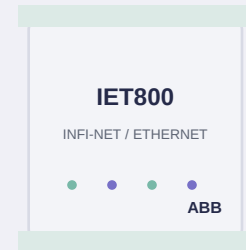


AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ABB IET800

Symphony Plus / Symphony Harmony INFI-Net to Ethernet Transfer Module



PROCESSOR	MEMORY	ETHERNET	TAGS
MCF5475	64 MB DRAM	10/100 Mbps	30,000

Prepared from the ABB sources identified in this document. This Amikon reference does not replace current controlled ABB instructions.

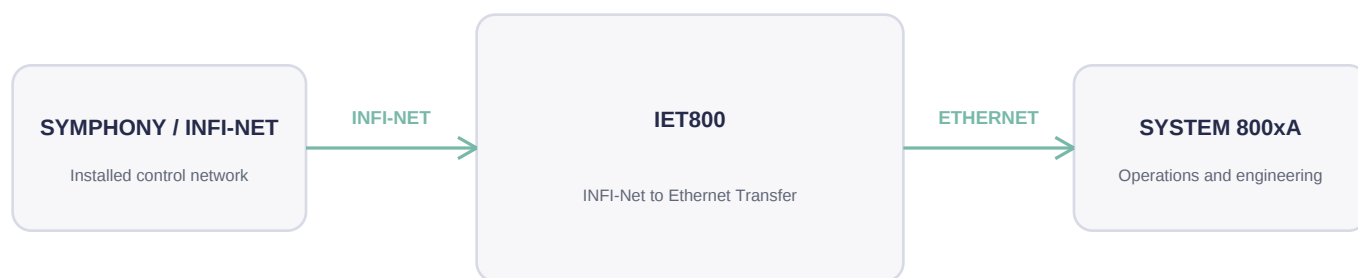
01 CONFIRM PRODUCT IDENTITY

Product model	IET800
Official product name	INFI-Net to Ethernet Transfer Module
System interface	S+ / Symphony Harmony to System 800xA
Processor	ColdFire MCF5475 32-bit CPU
Processor speed	256 MHz; approximately 400 MIPS
Dynamic memory	64 MB DRAM

02 INSTALLATION CONTROLS

- Confirm the complete IET800 marking, System 800xA version and supported Harmony interface before installation.
- Connect Ethernet CH0 using CAT5 or better cabling within the documented 100 m limit.
- Treat Ethernet CH1 as reserved; do not assign it to an application unless current ABB documentation authorizes use.
- Verify the TMP01 serial-port selection and baud rate against the approved network configuration.
- Confirm tag count, update-rate loading, Composer clients and the dedicated configuration-server connection before commissioning.

Functional system reference based on ABB documentation; not a wiring drawing.



Control network	Symphony Plus, Symphony Harmony or INFI 90
Ethernet	CH0 10/100 Mbps RJ45, CAT5 or better, up to 100 m
Capacity	30,000 tags and more than 1,500 exception reports per second

Source reference: 3BUS095560 / 3BSE091794. Use current controlled ABB instructions for final installation.

04 PRE-ENERGIZATION CHECKS

- 01 Confirm the complete product marking and exact model.
- 02 Verify the approved system, firmware, network and cabinet arrangement.
- 03 Check power, communications and process-I/O connections against ABB instructions.
- 04 Confirm module seating, cable condition and communication loading.
- 05 Verify configuration data and backup records before service.
- 06 Retain current ABB documents and commissioning records with the system file.

05 OFFICIAL DOCUMENTATION

[ABB Symphony Roadmap Part B - 3BUS095560](#)

[ABB System 800xA 6.1.1 System Guide - 3BSE091794](#)

06 SCOPE REMINDER

These instructions are a concise product-specific reference. They do not replace system engineering, current ABB instructions, site approval or qualified installation practice.

AMIKON PRODUCT SUPPORT

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