

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMMFP03

Product Reference

ABB IMMFP03 IMMFP03 Multi-Function Processor

DOCUMENT SCOPE

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

Product / lookup identity	ABB IMMFP03
Reference number	IMMFP03
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/ABB-Bailey-Infi-90-and-Net-90/Infi-90/immfp03>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

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

ABB IMMFP03 is a distinct INFI 90 / Symphony Harmony multifunction processor used as a controller-class processing module. Its verified role is to host control and interface applications in the installed Harmony architecture. System context: ABB IMMFP03 IMMFP03 Multi-Function Processor.

Published field	Manufacturer-published value or verified identity note
Product type	Multi-Function Processor
Verified system family	Symphony Harmony / INFI 90 installed base
GPI compatibility	MFP03 firmware revision G8 for ABB GPI 4.0
GPI data-point capacity	Up to 4,000 for that application
GPI foreign-device network	Up to 50 PLCs for that application
GPI programming context	Function codes, UDF and Batch within the same controller application
CPU / memory / power / ports / dimensions	HOLD - exact IMMFP03 ABB hardware data not found in reviewed official sources

System function and signal path

01	System Inputs: Project-defined controller/process data and, in the verified GPI application, analog/digital data from configured foreign devices.
02	Processing: Hosts controller function-code applications and GPI data-transfer logic where exact firmware/license permit.
03	Outputs: Project-defined control data and GPI information exposed to the Symphony operator or information system.
04	Communications: Exact physical ports remain HOLD; ABB verifies GPI communication with supported foreign-device families.

Applications, answers, and official sources

1 Legacy controller execution: Hosts the installed process-control strategy in a verified INFI 90/Harmony rack.

2 Foreign-device data integration: Runs ABB GPI to exchange configured analog and digital data with supported PLCs.

3 Operator-system integration: Exposes verified GPI data through the Symphony operator or information interface.

4 Migration baseline: Preserves the exact legacy database, firmware and revision evidence for controller evolution.

Frequently asked questions

What is ABB IMMFP03?	It is a distinct Symphony Harmony Multi-Function Processor.
Does an ApterPower record already exist?	Yes. Product ID 774924 is publicly available at the existing IMMFP03 canonical.
Is IMMFP03B the same page?	No. ABB lists a separate IMMFP03B assembly/revision.
Which GPI firmware is documented?	MFP03 revision G8 for ABB GPI 4.0.
How many GPI data points are documented?	Up to 4,000 for the GPI application.
How many PLCs can that GPI application connect?	Up to 50.

Official ABB sources

ABB Symphony Plus General Purpose Interface 4.0 Data Sheet	https://library.e.abb.com/public/bc83b044e2662736c12578b9006cbdfa/3BCA013068R1701_A_en_General_Purpose_Interface_Data_Sheet_v4.0.pdf
ABB OEM Repair Services list	https://library.e.abb.com/public/4c822dce248c4737ac45303676664a39/Nobody_Does_It_Better_OEM_Repairs.pdf
ABB 250 Years of Progress repair offer	https://library.e.abb.com/public/89fba9c7dedc442a9f86bbf04341ee25/4HZG000094_en_A_250%20Years%20Of%20Progress%2C%20One%20Legendary%20Offer.pdf