

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMMFP02

Product Reference

ABB IMMFP02 IMMFP02 Multi-Function Processor Module

DOCUMENT SCOPE

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

Product / lookup identity	ABB IMMFP02
Reference number	IMMFP02
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/immfp02>
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Product role and published parameters

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

ABB IMMFP02 is a distinct INFI 90 / Symphony Harmony multifunction processor module used as a controller-class processing unit. Its verified role is to host control and interface applications within the installed Harmony controller architecture. System context: ABB IMMFP02 IMMFP02 Multi-Function Processor Module.

Published field	Manufacturer-published value or verified identity note
Product type	Multi-Function Processor Module
Verified system family	Symphony Harmony / INFI 90 installed base
GPI compatibility	MFP02 firmware revision G8 for ABB GPI 4.0
GPI data-point capacity	Up to 4,000 data points 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 IMMFP02 ABB hardware data not found in reviewed official sources

System function and signal path

01	System Inputs: Project-defined controller and process data; in the verified GPI application, analog and digital data from configured foreign devices.
02	Processing: Hosts controller function-code applications and, where licensed/configured, GPI data-transfer logic.
03	Outputs: Project-defined controller commands and, in GPI service, data exposed to the Symphony operator or information-system interface.
04	Communications: Exact IMMFP02 hardware ports remain HOLD; ABB verifies GPI application communication with supported foreign-device families.

Applications, answers, and official sources

- 1 Legacy process-control execution: Hosts the installed controller 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-station data presentation: Makes verified GPI data available to a common Symphony operator or information interface.
- 4 Controller evolution baseline: Provides the exact legacy database and firmware baseline for engineered migration.

Frequently asked questions

What is ABB IMMFP02?	It is a distinct Symphony Harmony Multi-Function Processor Module.
Is IMMFP02 the same as IMMFP12?	No. ABB lists them separately.
Is IMMFP02 the same as IMMFP03?	No. ABB lists distinct models and firmware requirements.
What exact GPI firmware is documented?	MFP02 revision G8 for ABB GPI 4.0.
How many GPI data points are documented?	Up to 4,000 for that application.
How many PLCs can the 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 Harmony lifecycle and evolution presentation	https://library.e.abb.com/public/68e694fd1f5743ba949fbae1859ee3ac/02%20ABB%20Users%20Group%20Anchororage%20Harmony.pdf