APTER POWER
INDUSTRIAL AUTOMATION

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMMFP02

IMMFP02 Evidence-Bounded Product Information Manual

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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Workflow and system context

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.

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.
05	Boundary: GPI point, PLC and protocol figures are application limits, not proof of all IMMFP02 physical interfaces.

Published context and boundaries

01	Do not copy IMMFP12 CPU, memory, serial-station or dimensions data to IMMFP02.
02	Do not merge IMMFP02 with IMMFP03, IMMFP12, or YIMMFP02 repair material.
03	Search active and warehouse records by IMMFP02, MFP02 and YIMMFP02 before creation.

Verification and release checks

01	Search active and warehouse records by IMMFP02, MFP02 and YIMMFP02 before creation.
02	Verify the physical model, hardware revision and firmware before replacement.
03	Do not copy IMMFP03 or IMMFP12 CPU, memory, ports, dimensions or power data.
04	Treat GPI point and PLC limits as application-specific, not universal hardware ratings.
05	Back up controller logic, function blocks, UDF/Batch code, GPI configuration and licenses.
06	Confirm rack, I/O, communication, termination, addressing and redundancy from approved drawings.

Identity and release controls

Verification Status	VERIFIED_EXACT_MODEL_TYPE; DETAILED_HARDWARE_PARAMETERS_RESTRICTED

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%20Anchorage%20Harmony.pdf