

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMMPI01

Product Reference

ABB IMMPI01 IMMPI01 Multifunction Processor Interface Module

DOCUMENT SCOPE

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

Product / lookup identity	ABB IMMPI01
Reference number	IMMPI01
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/immpi01>
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Product role and published parameters

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

ABB IMMPIO1 is a Harmony Rack Multifunction Processor Interface Module that handles the I/O interface between a host computer and an INICT03A Computer Transfer Module. The module passes host-computer data to and from INICT03A so the computer-transfer interface can exchange system information with the installed Harmony/Cnet architecture. System context: ABB IMMPIO1 IMMPIO1 Multifunction Processor Interface Module.

Published field	Manufacturer-published value or verified identity note
Function	Host-computer I/O interface for INICT03A
Ports	Two RS-232-C; one SCSI
RS-232-C mode	DCE or DTE, determined by exact configuration
Power	+5 VDC at 415 mA; approximately 2.1 W
INICT03A connection	Ribbon cable
RS-232-C termination	NTMP01
SCSI termination unit	No external termination unit required; faceplate port

System function and signal path

01	System Inputs: Host-computer RS-232-C or SCSI traffic and companion data from INICT03A.
02	Processing: Microprocessor-based communication handling and interface conversion between the host and INICT03A.
03	Outputs: Computer-transfer data toward INICT03A and host responses toward RS-232-C/SCSI.
04	Communications: Two RS-232-C ports through NTMP01, one faceplate SCSI port, and a ribbon cable to INICT03A.

Applications, answers, and official sources

1 Cnet-to-computer interface: Provides the host-side I/O path for an INICT03A computer-transfer interface.

2 Operator/information-system connection: Moves system data to supported host applications through RS-232-C or SCSI.

3 Legacy host modernization: Preserves exact cable and port mapping during workstation replacement.

4 Communication diagnostics: Supports verified testing of host, INICT03A and system data paths.

Frequently asked questions

What is ABB IMMPIO1?	It is the host-computer interface module used with INICT03A.
Does an ApterPower record already exist?	Yes. Update product ID 774765 at the current IMMPIO1 canonical.
Is IMMPIO1 a process controller?	No. It is a communications interface.
Which companion module is required?	ABB documents INICT03A.
Which host interfaces are supported?	RS-232-C or SCSI.
How many RS-232-C ports are documented?	Two.

Official ABB sources

ABB Harmony Rack Communications Coupler Product Overview	https://library.e.abb.com/public/064d6092d27323a7c1256e40007d6dbd/WBPEEUS250002C1-waste_-_en_Harmony_Rack_Communications_Coupler_Product_Overview.pdf
ABB Harmony Rack Communications Data Sheet	https://library.e.abb.com/public/243d4ad3042525c0c1256d12005fc65b/WBPEEUD250001C1_-_en_Harmony_Rack_Communications_Data_Sheet.pdf
ABB OEM Repair Services list	https://library.e.abb.com/public/4c822dce248c4737ac45303676664a39/Nobody_Does_It_Better_OEM_Repairs.pdf