

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMDSI14

Product Reference

ABB INFI 90 digital slave input module

DOCUMENT SCOPE

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

Product / lookup identity	ABB IMDSI14
Reference number	IMDSI14
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/imdsi14>
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Product role and published parameters

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

ABB IMDSI14 is an evidence-bounded INFI 90 digital slave input module in the Bailey INFI 90 / Harmony Rack installed-base context. System role: It receives sixteen 48 VDC digital field-input states for the installed INFI 90 rack architecture. System context: ABB INFI 90 digital slave input module.

Published field	Manufacturer-published value or verified identity note
Official model	IMDSI14
Module role	Digital slave input module
Digital inputs	16
Nominal input class	48 VDC
Installed family	INFI 90 / Harmony Rack
Exact termination / cable	HOLD pending installed documentation
Current formal lifecycle	HOLD - no current model-level phase statement

System function and signal path

01	System Inputs: It receives sixteen 48 VDC digital field-input states for the installed INFI 90 rack architecture.
02	Processing: IMDSI14 is a legacy input module. ABB evolution material identifies later input-module paths, but those successors are not aliases and their terminal, function-code and service procedures must not be transferred automatically.

Applications, answers, and official sources

- 1 **Installed-base maintenance:** Supports evidence-led identification and replacement planning for ABB IMDSI14.
- 2 **System documentation:** Provides a source-traceable boundary for rack, network, I/O and termination records.
- 3 **Commissioning review:** Guides pre-power checks, companion-module verification and controlled functional testing.
- 4 **Migration assessment:** Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is ABB IMDSI14?	It is an ABB INFI 90 digital slave input module; this page is limited to the exact evidence boundary stated in the cited ABB sources.
Is the exact model identity verified?	Verified Exact Model Update Existing.
What is its system role?	It receives sixteen 48 VDC digital field-input states for the installed INFI 90 rack architecture.
Which system family is documented?	ABB Bailey INFI 90 / Harmony Rack installed-base architecture, subject to the exact source boundary.
Are related models automatic substitutes?	No. A sibling, SP/IN generation, repair code or evolution path is not an alias or unconditional drop-in approval.
Must the physical nameplate be checked?	Yes. Verify the model, revision, firmware and all order or repair suffixes.

Official ABB sources

ABB Harmony Rack I/O Product Overview	https://library.e.abb.com/public/429d55ddf7c18f3ec1256c95006f67bc/WBPEEUS240011B1_-_en_Harmony_Rack_I_O_Product_Overview.pdf
ABB official spare-parts brochure	https://library.e.abb.com/public/ce7ff1c4bdac451085597330b9fba063/9AKK107046A2102%20C%20Triple%20play%20brochure.pdf