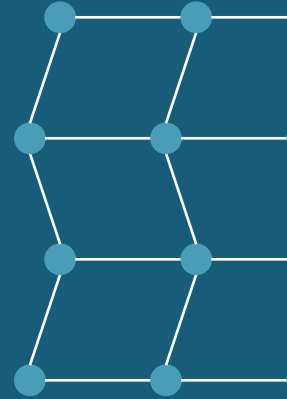


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB UNC4672A-V1 HIEE205012R0001 Signal Verification

Product Reference

ABB UNC 4672A,V1 UNITROL P Analog Measuring Interface



DOCUMENT SCOPE

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

Product / lookup identity	ABB UNC4672A-V1 HIEE205012R0001 Signal Verification
Reference number	HIEE205012R0001
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/hiee205012r0001>

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Product role and published parameters

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

ABB UNC 4672A,V1, product ID HIEE205012R0001, is an analog measuring card; ABB's UNITROL P spare-parts flyer identifies the same product ID as the UNC 4672a-P,V1 measuring interface. Its verified system function is to serve as a measuring-interface component inside an ABB UNITROL P excitation-system unit. System context: ABB UNC 4672A,V1 UNITROL P Analog Measuring Interface.

Published field	Manufacturer-published value or verified identity note
Manufacturer	ABB
Product ID	HIEE205012R0001
Catalog Description	UNC 4672A,V1: Analog Measuring Card
UNITROL P spare description	Measuring Interface
UNITROL P flyer type	UNC 4672a-P, V1
Quantity used in one UNITROL P unit	2
Country of Origin	Switzerland

System function and signal path

01	Verified Role: Analog measuring card / measuring interface in UNITROL P.
02	Measured Signals: unknown; the official sources do not publish the analog quantities, channel count or electrical ranges.
03	Processing: Signal-conditioning, conversion, scaling and isolation details are unknown from the cited public sources.
04	Outputs: Interface outputs, backplane representation and connector pinout are unknown.

Applications, answers, and official sources

1 UNITROL P excitation-system measurement interface: Provides the documented measuring-interface card position in an ABB UNITROL P unit; exact measured quantities and ranges remain project-manual dependent.

2 Power-plant generator excitation cabinet service: Used when maintaining an installed UNITROL P excitation system whose ABB BOM lists HIEE205012R0001.

3 Matched dual-interface restoration: ABB lists two HIEE205012R0001 interfaces per UNITROL P unit; replacement must preserve the exact positions, revisions and cabinet wiring without assuming interchangeability.

4 UNITROL P measurement-path commissioning: Supports system-specific verification of the excitation measurement path only under the exact ABB commissioning and calibration instructions.

Frequently asked questions

What is ABB UNC 4672A,V1?	ABB catalogs HIEE205012R0001 as an UNC 4672A,V1 analog measuring card.
How does ABB describe it in UNITROL P?	ABB's UNITROL P spare-parts flyer lists it as Measuring Interface UNC 4672a-P,V1.
Is HIEE205012R0001 the exact official product ID?	Yes. It appears on both the ABB product page and UNITROL P spare-parts flyer.
Is HIEE205012R1 an official equivalent?	No exact ABB mapping was found; treat it as an unverified user alias until the physical label or ABB confirms it.
How many are used in one UNITROL P unit?	ABB's flyer lists two.
Which signals does the card measure?	The cited public ABB sources do not publish the signal types, channels or ranges; use the exact UNITROL P hardware manual.

Official ABB sources

HIEE205012R0001 product details	https://new.abb.com/products/HIEE205012R0001/hiee205012r0001
UNITROL P spare parts flyer - Service note 3BHS681831	https://library.e.abb.com/public/d5d94dcca8041c9b14b56b1486753c8/UNITROL%20P%20spare%20parts%20flyer.pdf
UNITROL excitation systems	https://new.abb.com/power-electronics/es/unitrol-sistemas-de-excitacion