

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB P-HC-BRC-30000000

P-HC-BRC-30000000 Requested-Label Verification
Evidence-Bounded Product Information Manual

ABB P-HC-BRC-30000000 Requested-Label Verification Page

DOCUMENT SCOPE

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

Product / lookup identity	ABB P-HC-BRC-30000000
Reference number	P-HC-BRC-30000000
Document basis	Published ABB product records, PDFs, and manuals listed on page 3

**Product page**

<https://www.apterpower.com/ABB/p-hc-brc-30000000>
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Workflow and system context

ABB P-HC-BRC-30000000 is the requested gray Harmony Rack order variant of the BRC300 bridge controller. The BRC300 controller executes continuous, sequential, batch, and advanced control strategies from ABB function-code and project programming.

01	System Inputs: Controller configuration, process I/O and peer/system data through the installed Harmony architecture.
02	Processing: Executes BRC-family continuous, sequential, batch and advanced control functions.
03	Outputs: Control commands to compatible ABB I/O and controller data to configured system peers.
04	Communications: Harmony Rack controller buses and project-defined remote-I/O/network interfaces.
05	Boundary: BRC400/410 memory, capacity, enhanced online configuration and BRC410 Ethernet must not be copied to BRC300.

Published context and boundaries

01	Confirm the physical nameplate reads P-HC-BRC-30000000 before creating the page.
02	Do not merge the gray variant with the newer /ABB/spbr300-brc300 canonical.
03	Search active and warehouse records using P-HC, PHC, BRC300 and R-suffixed variations before creation.

Verification and release checks

01	Confirm P-HC-BRC-30000000 on the physical nameplate before publication.
02	Search active and warehouse records for P-HC, PHC, BRC300 and R-suffixed variants before creation.
03	Keep the gray record separate from /ABB/spbrc300-brc300.
04	Back up the database, firmware, tuning, sequence state and redundancy settings.
05	Confirm rack slot, power, PBA, I/O buses, addresses and cabling from approved drawings.
06	Do not publish BRC400/410 memory/capacity or BRC410 Ethernet data as BRC300 specifications.

Identity and release controls

Verification Status	VERIFIED_GRAY_BRC300_FAMILY; EXACT_BASE_NAMEPLATE_STRING_REQUIRES_PHYSICAL_CONFIRMATION
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Official ABB sources

ABB Harmony lifecycle and evolution presentation	https://library.e.abb.com/public/68e694fd1f5743ba949fbae1859ee3ac/02%20ABB%20Users%20Group%20Anchorage%20Harmony.pdf
ABB Symphony Plus HR Series Control and I/O brochure	https://library.e.abb.com/public/18f414cba5434d4591603ac425cbd7ea/2VAA005093_E_en_HR_Series_control_and_IO_Print.pdf
ABB Industrial Automation Spare Parts Treasure Hunt 2020	https://library.e.abb.com/public/c95eb75edc1744029376d5b78fca46dl/Treasure_Hunt_2020.pdf