

INDUSTRIAL AUTOMATION PRODUCT

8BVI0014HWD0.000-1

1.9 A Dual-Axis ACOPOSmulti Inverter Module

B&R 8BVI0014HWD0.000-1 is a 1.9 a dual-axis acoposmulti inverter module for the documented ACOPOSmulti installation.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	ACOPOSmulti
Part number	8BVI0014HWD0.000-1
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm B&R 8BVI0014HWD0.000-1, ACOPOSmulti backplane, two U/V/W/PE motor outputs, enable inputs and plug-in slots, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

System Role and Architecture

B&R 8BVI0014HWD0.000-1 is a 1.9 a dual-axis acoposmulti inverter module for the documented ACOPOSmulti installation.

FUNCTION 1
Provides dual-axis servo motor control

FUNCTION 2
Uses exact B&R article identity
8BVI0014HWD0.000-1

FUNCTION 3
Matches axes: 2

FUNCTION 4
Matches continuous current per axis: 1.9 A rms

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	ACOPOSmulti
02	ACOPOSmulti backplane
03	two U/V/W/PE motor outputs, enable inputs and plug-in slots
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ACOPOSmulti
Interface role	dual-axis servo motor control
Field / power context	ACOPOSmulti backplane
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete B&R 8BVI0014HWD0.000-1 marking and installed ACOPOSmulti position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record two U/V/W/PE motor outputs, enable inputs and plug-in slots, terminal assignments, shielding and protective-ground connections before
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Axes	2	Switching frequencies	5, 10 or 20 kHz
Continuous current per axis	1.9 A rms	Plug-in slots	2
Peak current per axis	4.7 A rms	Mounting	Wall mounting
Continuous power per axis	1.4 kW	Protection	IP20
DC bus	750 VDC nominal		

ENGINEERING BOUNDARY

Confirm B&R 8BVI0014HWD0.000-1, ACOPOSmulti backplane, two U/V/W/PE motor outputs, enable inputs and plug-in slots, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete B&R 8BVI0014HWD0.000-1 marking and installed ACOPOSmulti position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record two U/V/W/PE motor outputs, enable inputs and plug-in slots, terminal assignments, shielding and protective-ground connections
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Applications and Engineering Context

ACOPOSmulti system maintenance

Restores dual-axis servo motor control in the documented installation.

Controlled hardware replacement

Preserves the exact 8BVI0014HWD0.000-1 identity and approved configuration.

Interface verification

Confirms two U/V/W/PE motor outputs, enable inputs and plug-in slots before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

TECHNICAL NOTE

Confirm B&R 8BVI0014HWD0.000-1, ACOPOSmulti backplane, two U/V/W/PE motor outputs, enable inputs and plug-in slots, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	8BVI0014HWD0.000-1 recorded
Host / carrier	ACOPOSmulti
Physical interface	two U/V/W/PE motor outputs, enable inputs and plug-in slots matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled dual-axis servo motor control response recorded

IMPORTANT NOTICE

Confirm B&R 8BVI0014HWD0.000-1, ACOPOSmulti backplane, two U/V/W/PE motor outputs, enable inputs and plug-in slots, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330104-05-12-10-02-00
02	Bently Nevada 330103-00-09-20-02-00
03	Bently Nevada 330901-00-24-05-02-05
04	Bently Nevada 130938-04-10-01
05	Bently Nevada 102044-00-48-10-05
06	Bently Nevada 102046-50
07	Bently Nevada 102045-040-00-05
08	Bently Nevada 330101-10-44-05-02-05

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

B&R 8BVI0014HWD0.000-1 product data | Datasheet 8BVI0014HWD0.000-1

APTER POWER SALES TEAM

- WHATSAPP / PHONE

+86 180 3023 5313
- EMAIL

sales13@apterpower.com
- WEBSITE

www.apterpower.com

