

8BVI0014HWD0.000-1

1.9 A Dual-Axis ACOPOSMulti Inverter Module

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	8BVI0014HWD0.000-1
Manufacturer	B&R
System family	ACOPOSMulti
Record scope	Installation, application and verification

1

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01 PRE-INSTALLATION PLAN

- 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 removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify axes (2) against the installed project and connected hardware.

MATCHED HARDWARE

- 8BVI0014HWD0.000-1 with complete identity
- ACOPOSmulti backplane
- two U/V/W/PE motor outputs, enable inputs and plug-in slots
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	8BVI0014HWD0.000-1 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

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

FIELD 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.

RELATED APTER POWER PAGES

330102-37-78-10-02-05	330101-15-27-05-02-05	330130-085-12-00	330101-00-25-05-11-00
330101-00-15-05-11-00	330101-00-55-05-11-00	330101-00-26-05-01-05	330703-00-050-10-02-00

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	8BVI0014HWD0.000-1
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

04 RETURN-TO-SERVICE RECORD

- ☐ Verify axes (2) against the installed project and connected hardware.
- ☐ Verify continuous current per axis (1.9 A rms) and restore only the approved configuration.
- ☐ Energize in the prescribed sequence and review module, host and network diagnostics.
- ☐ Complete a controlled dual-axis servo motor control test and retain the acceptance result before production release.

VERIFICATION RECORD

PRODUCT IDENTITY	8BVI0014HWD0.000-1
INSTALLED POSITION	Documented ACOPOSmulti backplane position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

SOURCE IDENTIFIERS

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