

8BAC0133.000-1

Three-Channel ABR Encoder Emulation Module

CONTROLLED ENGINEERING COPY

B&R 8BAC0133.000-1 is a three-channel abr encoder emulation module for the documented ACOPOSmulti installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	8BAC0133.000-1
Manufacturer	B&R
System family	ACOPOSmulti
Record scope	Installation, application and verification

1

2

3

4

5

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



01 PRE-INSTALLATION PLAN

1

Confirm the complete B&R 8BAC0133.000-1 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 three RS422 ABR outputs, 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 component (ACOPOSmulti plug-in module) against the installed project and connected hardware.

MATCHED HARDWARE

- 8BAC0133.000-1 with complete identity
- ACOPOSmulti drive plug-in slot
- three RS422 ABR outputs
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	8BAC0133.000-1 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Component	ACOPOSmulti plug-in module
Outputs	3 RS422 outputs
Function	ABR encoder emulation
Maximum frequency	1 MHz
Installation	Approved ACOPOSmulti plug-in slot
Signal standard	RS422 differential
Commissioning	Output assignment and timing verification

FIELD NOTE

Confirm B&R 8BAC0133.000-1, ACOPOSmulti drive plug-in slot, three RS422 ABR outputs, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

RELATED APTER POWER PAGES

330905-00-12-05-02-05	330905-00-12-05-02-RU	330103-00-22-50-12-RU	330103-00-16-50-12-RU
330103-00-13-50-12-RU	330103-00-06-50-02-RU	330101-00-16-10-11-RU	330703-000-150-10-11-05

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	8BAC0133.000-1
Physical interface	three RS422 ABR outputs matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled ABR encoder signal emulation response recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Verify component (ACOPOSmulti plug-in module) against the installed project and connected hardware.
- ☐ Verify outputs (3 RS422 outputs) and restore only the approved configuration.
- ☐ Energize in the prescribed sequence and review module, host and network diagnostics.
- ☐ Complete a controlled ABR encoder signal emulation test and retain the acceptance result before production release.

VERIFICATION RECORD

PRODUCT IDENTITY	8BAC0133.000-1
INSTALLED POSITION	Documented ACOPOSmulti drive plug-in slot 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 8BAC0133.000-1 product data | ACOPOSmulti User's Manual