

80SD100XD.C0XX-21

ACOPOSmicro dual stepper motor module

B&R 80SD100XD.C0XX-21 is a ACOPOSmicro dual stepper motor module. It performs the documented ACOPOSmicro system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	ACOPOSmicro
Part number	80SD100XD.C0XX-21
Product role	Provides the documented acoposmicro dual stepper motor module function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Discharge the DC bus, record motor phases and feedback, preserve X2X identity and restore only the documented current, ramp and limit settings.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



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Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Axes	2	Communication	X2X Link
Motor type	Two-phase bipolar stepper	Analog inputs	2; +/-10 V; 13 bit
DC bus	24 to 64 V DC +/-25%	Local I/O	Digital inputs and outputs
Continuous module current	10 A		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	ACOPOSmicro
Primary system role	Provides the documented acoposmicro dual stepper motor module function
Connection boundary	Discharge the DC bus, record motor phases and feedback, preserve X2X identity and restore only the documented current, ramp and limit settings.
Controlled acceptance duty	ACOPOSmicro system maintenance

ENGINEERING BOUNDARY

Confirm B&R 80SD100XD.C0XX-21, ACOPOSmicro host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Pre-Installation Checks

- 1

Confirm the complete B&R 80SD100XD.C0XX-21 marking and installed ACOPOSmicro position before work.
- 2

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

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

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

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	80SD100XD.C0XX-21
Installed host	ACOPOSmicro
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

B&R 80SD100XD.C0XX-21 is a ACOPOSmicro dual stepper motor module. It performs the documented ACOPOSmicro system role in the approved industrial installation.

FUNCTION 1
Provides the documented acoposmicro dual stepper motor module function

FUNCTION 2
Uses exact B&R article identity 80SD100XD.C0XX-21

FUNCTION 3
Integrates with the matched ACOPOSmicro hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	ACOPOSmicro
2	Two-phase bipolar stepper
3	ACOPOSmicro system maintenance
4	Discharge the DC bus, record motor phases and feedback, preserve X2X identity and restore only the documented current, ramp and limit settings.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ACOPOSmicro
Interface role	Provides the documented acoposmicro dual stepper motor module function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 80SD100XD.C0XX-21. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

1Verify axes (2) against the installed project and connected hardware.

2Verify motor type (Two-phase bipolar stepper) and restore only the approved configuration.

3Energize in the prescribed sequence and review module, host and network diagnostics.

4Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

B&R 80SD100XD.C0XX-21 product data
B&R product record 80SD100XD.C0XX-21

Applications and Engineering Context

ACOPOSmicro system maintenance

Restores the documented acoposmicro dual stepper motor module function in an engineered installation.

Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented axes and motor type before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

TECHNICAL NOTE

Discharge the DC bus, record motor phases and feedback, preserve X2X identity and restore only the documented current, ramp and limit settings.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	80SD100XD.C0XX-21 recorded
Host / carrier	ACOPOSmicro
Physical interface	Provides the documented acoposmicro dual stepper motor module function
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional proof	Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R 80SD100XD.C0XX-21, ACOPOSmicro host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	80SD100XD.C0XX-21
Approved role	ACOPOSmicro system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

- 1

Confirm the complete B&R 80SD100XD.C0XX-21 marking and installed ACOPOSmicro position before work.
- 2

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

Record power, signal, network, terminal 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.
- 6

Verify motor type (Two-phase bipolar stepper) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Anybus AB7000-C	Related industrial automation product	View Anybus AB7000-C page
Anybus AB9001-B	Related industrial automation product	View Anybus AB9001-B page
Anybus AB7007-C	Related industrial automation product	View Anybus AB7007-C page
Anybus AB5030-B	Related industrial automation product	View Anybus AB5030-B page
B&R X20CP3585	Related industrial automation product	View B&R X20CP3585 page
B&R 3CP340.60-2	Related industrial automation product	View B&R 3CP340.60-2 page
B&R X67SM2436	Related industrial automation product	View B&R X67SM2436 page
B&R 5MP050.0653-03	Related industrial automation product	View B&R 5MP050.0653-03 page

MANUFACTURER SOURCE RECORD

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