

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.

BRAND	B&R	FAMILY	ACOPOSmicro
PART	80SD100XD.C0XX-21	SYSTEM ROLE	Provides the documented acoposmicro dual stepper motor module function

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80SD100XD.C0XX-21

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	ACOPOSmicro
Primary interface	Provides the documented acoposmicro dual stepper motor module function
Engineering 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 duty	Complete a controlled functional test and retain the acceptance result before production release.

TECHNICAL NOTE

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

Technical Data

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		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
B&R 7EX290.50-1	Related industrial automation product	View B&R 7EX290.50-1 page
B&R X20AI2237	Related industrial automation product	View B&R X20AI2237 page
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page
B&R 7CP476.60-1	Related industrial automation product	View B&R 7CP476.60-1 page
B&R 7CP474.60-1	Related industrial automation product	View B&R 7CP474.60-1 page
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page

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.

Applications and Precautions

Common Applications

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.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	80SD100XD.C0XX-21
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional release	Complete a controlled functional test and retain the acceptance result before production release.

Engineer FAQ

Q1 Which ACOPOSmicro position accepts 80SD100XD.C0XX-21?

Use the approved ACOPOSmicro position and confirm the complete B&R 80SD100XD.C0XX-21 article identity.

Q3 Which value is checked first for 80SD100XD.C0XX-21?

Check axes: 2.

Q5 What should be recorded before removing 80SD100XD.C0XX-21?

Record every power, signal, network, terminal and configuration assignment.

Q7 How is 80SD100XD.C0XX-21 recommissioned?

Restore the approved hardware and project, then review diagnostics in the prescribed startup sequence.

Q2 Which documented function does 80SD100XD.C0XX-21 provide?

It provides the documented acoposmicro dual stepper motor module role in the configured system.

Q4 Which second interface value governs 80SD100XD.C0XX-21?

Verify motor type: Two-phase bipolar stepper.

Q6 How is 80SD100XD.C0XX-21 handled safely?

Isolate applicable energy, apply ESD controls and protect all connectors and terminals.

Q8 What releases 80SD100XD.C0XX-21 to service?

A controlled functional test with the expected response and no unresolved diagnostics.

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