

ABB DCS AND ACS DRIVE SYSTEMS

Product Data Sheet

NDBU-95C

DDCS optical branching unit

FUNCTION DDCS optical branching unit	FAMILY ABB DCS and ACS drive	ORIGIN Germany	WEIGHT 0.8 kg
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ABB Drives NDBU-95C is a DDCS optical branching unit for the ABB DCS and ACS drive systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Supply Voltage	24 V DC
Optical Channels	9
Communication Speed	1 Mbit/s
Optical Component Rate	10 MBd
Maximum Transmitter Current	50 mA
POF Cable Length	0.1-30 m
HCS Cable Length	0.1-200 m
Address Range	76-124
Mounting	Control cabinet
Protection Class	IP20

- Use the documented DDCS optical branching unit: Apply NDBU-95C only in the manufacturer-specified ABB DCS and ACS drive systems position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for NDBU-95C; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing NDBU-95C, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

Match NDBU-95C to the installed ABB DCS and ACS drive systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB manufacturer technical documentation](#)

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