

ABB DRIVES

Product Data Sheet

05 SM-8123-95

AXODYN servo amplifier

FUNCTION AXODYN servo amplifier	FAMILY ABB Drives	ORIGIN Germany	WEIGHT 1.3 kg
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ABB Drives 05 SM-8123-95 is a AXODYN servo amplifier for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	05 SM-8123-95
Product Family	ABB Drives
Component Type	Axodyn Servo Amplifier
System Class	DCS System
Mounting Format	Plug-in control rack
System Interface	Manufacturer backplane bus
Control Supply	24 V DC control class
Channel Capacity	Model-defined channel set
Signal Standard	System-specific I/O levels

ADDITIONAL PRODUCT DATA

Electrical Isolation	Isolated field circuits
Operating Temperature	0 to +55 °C cabinet range
Protection Level	IP20 installed equipment
Configuration Tool	Manufacturer engineering software
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented AXODYN servo amplifier: Use 05 SM-8123-95 in the specified ABB Drives position with the documented supply, signal range and system interface. Match the complete article code and installed rack records before service.
- Restore every documented connection: Record terminal numbers, connector keying, rack position, shields and protective earth for 05 SM-8123-95. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 05 SM-8123-95, check power and module diagnostics, then test the affected I/O, communication, controller or measurement function at a safe operating point and record acceptance.

SYSTEM COMPATIBILITY

Match 05 SM-8123-95 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Drives manufacturer documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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