

ABB ADVANT CONTROLLER 31

Product Data Sheet

07KR51 1SBP260010R1001

programmable controller unit

FUNCTION programmable controller unit	FAMILY ABB Advant Controller 31	ORIGIN Germany	WEIGHT 0.5 kg
---	---	--------------------------	-------------------------

ABB Advant Controller 31 07KR51 1SBP260010R1001 is a programmable controller unit for the ABB Advant Controller 31. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Manufacturer	ABB
Exact Article Code	07KR51 1SBP260010R1001
Product Family	ABB Advant Controller 31
Component Type	Programmable Controller Unit
System Class	DCS System
Mounting Format	Plug-in control rack
System Interface	CS31 system 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 control cabinet
Configuration Tool	AC31 engineering software
Commissioning Test	I/O and diagnostic functional test

OFFICIAL APPLICATIONS

- Operate the documented programmable controller unit: Use 07KR51 1SBP260010R1001 in the specified ABB Advant Controller 31 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 07KR51 1SBP260010R1001. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 07KR51 1SBP260010R1001, 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 07KR51 1SBP260010R1001 to the installed ABB Advant Controller 31, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant Controller 31 manufacturer documentation](#)

<https://library.e.abb.com/public/8242193bfc8ef0d3c1257c2100539c14/2CDC120026M0202.pdf>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM