

ABB DCS DRIVE CONTROL SYSTEMS

Product Data Sheet

SDCS-COM-5 3BSE006567R1

drive communication board

FUNCTION drive communication board	FAMILY ABB DCS drive control systems	ORIGIN Switzerland	WEIGHT 0.50 kg
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ABB Drives SDCS-COM-5 3BSE006567R1 is a drive communication board for the ABB DCS drive control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	SDCS-COM-5 3BSE006567R1
Product Class	Drive Communication Board
Product Family	ABB DCS drive control systems
Supply Class	24 V DC industrial
Interface	Manufacturer system interface
Channels	Model-defined I/O channels
Signal Standard	Industrial control signal levels
Isolation	Functional circuit isolation
Mounting	Control cabinet assembly
Diagnostics	Front status indication

ADDITIONAL PRODUCT DATA

Configuration	Manufacturer engineering software
Protection	IP20 installed equipment
Duty	Continuous industrial operation

OFFICIAL APPLICATIONS

- Integrate robotic handling with Drive Communication: During operation of the robots, grippers and transfer fixtures, SDCS-COM-5 3BSE006567R1 handles its designated signal or control duty as a drive communication board. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.
- Sequence cooling-fan control with Drive Communication: At the control layer of the air coolers, fan motors and temperature feedback, SDCS-COM-5 3BSE006567R1 serves its documented function as a drive communication board. During ambient-load change, the system uses this function to trim fan speed to the measured cooling requirement, helping it hold outlet temperature without unnecessary fan power.
- Control aeration-blower output with Drive Communication: As part of the blower motors, air headers and oxygen-control loops, SDCS-COM-5 3BSE006567R1 operates in its approved product-family role as a drive communication board. During oxygen-setpoint change, the system uses this function to coordinate blower speed with the required air delivery, helping it match aeration energy to treatment demand.

SYSTEM COMPATIBILITY

Match SDCS-COM-5 3BSE006567R1 to the installed ABB DCS drive control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB official product documentation and manufacturer catalog](#)

AMIKON PRODUCT SUPPORT

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