



SDCS-PIN-51-COAT 3ADT220090R0006

Coated DCS Drive Power Interface Board

Product scope

- Interfaces the drive power section with the control and measurement electronics.
- Covers the documented 230 to 1000 V AC SDCS-PIN-51 application.
- Processes current, voltage, temperature and hardware-identification signals.
- Requires the converter to be isolated and discharged before service.

Manufacturer source

ABB DCS800 Service Manual, D5/D6 common-parts table.

The enclosed record retains only manufacturer-supported identity, function, operating principle, application and replacement boundaries for this product.

Request a fast quote	Product reference	
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Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

ABB order code	3ADT220090R0006
Board designation	SDCS-PIN-51
Execution	Coated
Board function	Power interface and measurement board
Documented AC voltage range	230 to 1000 V AC
Drive module use	DCS800 D5/D6 service hardware
Measured quantities	Current, AC/DC voltage and temperature circuits
System family	ABB DCS500B / DCS600 / DCS800 drive hardware

Official references

- ABB DCS800 Service Manual, D5/D6 common-parts table.
- Official source:
<https://library.e.abb.com/public/63a9c690f9bb4d32928f2ad0cf1a160d/3ADW000195R0701%20DCS800%20Service%20Manual%20e%20g.pdf>

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Function

The board interfaces the drive's power section with its control electronics and carries the measurement paths used for current, voltage and temperature supervision.

Operating principle

Scaled power-circuit signals are conditioned for the control board, while gate and hardware-identification paths coordinate the installed converter power stage.

Voltage application

ABB lists SDCS-PIN-51 order code 3ADT220090R0006 for 230 to 1000 V AC service in the documented DCS800 D5/D6 spare-parts table.

Coated execution

The COAT designation identifies the protected board execution. It does not change the need to match the converter frame, voltage class and surrounding power hardware.

Safety

This board is connected to hazardous drive potentials. Isolate all supplies, wait for the specified discharge interval and verify zero voltage before touching the board or measurement leads.



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