

ABB DCS500 DRIVE SYSTEMS

Product Data Sheet

3ADT310500R0102

power interface board

FUNCTION power interface board	FAMILY ABB DCS500 drive systems	ORIGIN Switzerland	WEIGHT 1.20 kg
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ABB Drives 3ADT310500R0102 is a power interface board for the ABB DCS500 drive systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Board Designation	SDCS-PIN-205A
Converter Family	DCS500
Converter Sizes	C1 and C2
Current Range	100 to 700 A
Voltage Class	500 V
Firing Circuits	Pulse transformer outputs
Current Measurement	Armature current measurement
Snubber Network	RC/RCD thyristor protection
Voltage Measurement	AC/DC high-ohmic measurement
Current Scaling	Rated-current hardware scaling

ADDITIONAL PRODUCT DATA

Zero Current Detection	Integrated
Temperature Input	Heat-sink PTC interface
Protection Fuse	KTK-R-6A, 600 V
Board Width	253 mm
Board Height	280 mm

OFFICIAL APPLICATIONS

- Machine tools and assembly equipment: Machine Control Systems
- Batch preparation and packaging operations: Validated Production Systems
- Air handling and chilled water plants: Building Control Systems

SYSTEM COMPATIBILITY

Match 3ADT310500R0102 to the installed ABB DCS500 drive systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

ABB official product documentation

https://library.e.abb.com/public/5f9ee1fa21e0610ac1256f95005d15f3/3ADW000054R0601_TD_E_F.pdf

AMIKON PRODUCT SUPPORT

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