

ABB CONVERTER POWER ELECTRONICS

Product Data Sheet

1VCR017053G0006

VSC power control board

FUNCTION VSC power control board	FAMILY ABB converter power electronics	ORIGIN Switzerland	WEIGHT 0.80 kg
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ABB Drives 1VCR017053G0006 is a VSC power control board for the ABB converter power electronics. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	1VCR017053G0006
Product Class	Vsc Power Control Board
Product Family	ABB converter power electronics
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

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

- Monitor body transfer with Vsc Power process control: Within the skid conveyors and lift stations, 1VCR017053G0006 performs its assigned control role as a VSC power control board. During model change, the system uses this function to coordinate motion requests and station interlocks, helping it keep the assembly takt moving.
- Align dryer-section control with Vsc Power process control: Within the steam groups and dryer drives, 1VCR017053G0006 handles its designated signal or control duty as a VSC power control board. During moisture correction, the system uses this function to align thermal and drive response with the running sheet, helping it support the target moisture profile.
- Observe test-stand control with Vsc Power process control: In the automation chain for the load actuators and measurement channels, 1VCR017053G0006 handles its designated signal or control duty as a VSC power control board. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.

Match 1VCR017053G0006 to the installed ABB converter power electronics, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

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

AMIKON PRODUCT SUPPORT

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