

SIMOVERT MASTERDRIVES

Product Data Sheet

A5E00297628

Inverter drive board

FUNCTION Inverter drive board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SIMOVERT A5E00297628 is a Inverter drive board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Inverter drive board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Monitors the DC link and exchanges drive-control signals
Power Architecture	Drive measurement and communication
Voltage Class	0–850 V DC sensing
Current Rating	Signal-level interface
Power Section	Drive control section
Mechanical Design	Plug-in circuit board
Electrical Interface	CBP2/CB2 PROFIBUS-DP interface
Commissioning Check	Verify DC-link scaling and bus diagnostics

- Use the Inverter drive board: A5E00297628 supports monitors the dc link and exchanges drive-control signals in the documented SIMOVERT MASTERDRIVES arrangement. Confirm the installed section, adjacent hardware and controlled drawings before work.
- Match the CBP2/CB2 PROFIBUS-DP interface: Record connector keys, cable routing, grounding and every mating assembly before removing the installed component. Compare these details with the complete Siemens article and board revision.
- Complete the Inverter drive board test: Verify DC-link scaling and bus diagnostics. Review drive diagnostics and record the final configuration before returning the affected machine function to service.

Match A5E00297628 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>