

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-8GK85-0LA0

Parallel connection interface module

FUNCTION Parallel connection interface module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.7 kg
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Siemens SIMOVERT 6SE7041-8GK85-0LA0 is a Parallel connection interface module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Parallel connection module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Couples parallel infeed units
Power Architecture	Multi-unit line-side interface
Voltage Class	500–575 / 660–690 V AC
Current Rating	850 A application class
Control Supply	Internal converter auxiliary power
Power Section	Parallel infeed section
Mechanical Design	Open-frame interface board
Electrical Interface	Paired unit synchronization links

Cooling Integration	Cabinet-forced air environment
Board Designation	6SE7041-8GK85-0LA0 board
Service Role	High-voltage parallel spare
Product Status	Legacy Siemens module
Commissioning Check	Check phase sequence and balance

- Apply the Parallel connection interface module: Use 6SE7041-8GK85-0LA0 for couples parallel infeed units only after confirming the installed drive family, exact section and electrical class.
- Match the 500–575 / 660–690 V AC hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Check phase sequence and balance. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

Match 6SE7041-8GK85-0LA0 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

Siemens Industry Mall and applicable drive documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SE7041-8GK85-0LA0>

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