

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-8HK85-1MA0

PER2 rectifier interface module

FUNCTION	FAMILY	ORIGIN	WEIGHT
PER2 rectifier interface module	SIMOVERT MASTERDRIVES	Germany	0.72 kg

Siemens SIMOVERT 6SE7041-8HK85-1MA0 is a PER2 rectifier 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	PER2 rectifier interface module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Interfaces high-voltage regenerative infeed
Power Architecture	PER2 rectifier feedback stage
Voltage Class	500–575 / 660–690 V AC
Current Rating	Design H/K interface class
Control Supply	External 24 V DC
Power Section	Infeed and regenerative section
Mechanical Design	Open-frame industrial board
Electrical Interface	Rectifier control connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet-cooled power unit
Board Designation	6SE7041-8HK85-1MA0 PER2
Service Role	High-voltage infeed spare
Product Status	Legacy Siemens module
Commissioning Check	Match C98043-A1695-L43 revision

OFFICIAL APPLICATIONS

- Use the PER2 rectifier interface module: Apply 6SE7041-8HK85-1MA0 for interfaces high-voltage regenerative infeed after matching the exact system, electrical class and installed section.
- Confirm the 500–575 / 660–690 V AC configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Match C98043-A1695-L43 revision. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6SE7041-8HK85-1MA0 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Siemens Industry Mall and applicable manufacturer documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SE7041-8HK85-1MA0>

AMIKON PRODUCT SUPPORT

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