

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-8EK85-1MA0

PER2 rectifier interface module

FUNCTION PER2 rectifier interface module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.72 kg
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Siemens SIMOVERT 6SE7041-8EK85-1MA0 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
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Interfaces regenerative infeed control
Power Architecture	Three-phase rectifier feedback stage
Voltage Class	380–480 V AC
Current Rating	Design H/K interface class
Control Supply	External 24 V DC
Power Section	Infeed/regenerative section
Mechanical Design	Design H and K board
Electrical Interface	Rectifier control connectors

Cooling Integration	Cabinet-cooled converter assembly
Board Designation	6SE7041-8EK85-1MA0 PER2
Service Role	Regenerative-unit service spare
Product Status	Legacy Siemens module
Commissioning Check	Verify PER2 voltage coding

- Apply the PER2 rectifier interface module: Use 6SE7041-8EK85-1MA0 for interfaces regenerative infeed control only after confirming the installed drive family, exact section and electrical class.
- Match the 380–480 V AC hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Verify PER2 voltage coding. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

Match 6SE7041-8EK85-1MA0 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/6SE7041-8EK85-1MA0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM