

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7041-8HK85-1HA0

PER2 rectifier interface module

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

Siemens SIMOVERT 6SE7041-8HK85-1HA0 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 infeed and regenerative unit
Power Architecture	Three-phase rectifier feedback control
Voltage Class	500–575 V / 660–690 V AC
Current Rating	Design H/K interface class
Line Frequency	50/60 Hz
Power Section	Infeed and regenerative section
Mechanical Design	Designs H and K
Electrical Interface	Rectifier control connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet-cooled drive assembly
Board Protection	Industrial interface board
Busbar Treatment	Internal converter busbars
Service Classification	Siemens spare part
Commissioning Check	Verify PER2 high-voltage code

OFFICIAL APPLICATIONS

- Restore the documented PER2 rectifier interface module: Use 6SE7041-8HK85-1HA0 for interfaces infeed and regenerative unit only after confirming the complete installed drive designation, voltage class and physical interface.
- Match the 500–575 V / 660–690 V AC installation: Compare the nameplate, module position, connectors, cooling arrangement and mating power hardware before removing the existing component.
- Complete model-specific verification: Verify PER2 high-voltage code. Then energise under the approved Siemens procedure, review diagnostics and test the affected motor or DC-drive function before service.

SYSTEM COMPATIBILITY

Match 6SE7041-8HK85-1HA0 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 **SINAMICS / SIMOVERT** manufacturer documentation

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

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