

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7036-0EF85-0EA0

Precharge control power module

FUNCTION Precharge control power module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 1.2 kg
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Siemens SIMOVERT 6SE7036-0EF85-0EA0 is a Precharge control power module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Precharge control power module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls DC-link precharging and auxiliary converter power functions
Power Architecture	Precharge control electronics
Voltage Class	Drive DC-link class
Current Rating	Converter-defined input current
Power Section	DC-link input section
Mechanical Design	Plug-in control module
Electrical Interface	Precharge, contactor and feedback plugs
Commissioning Check	Test charging curve and contactor sequence

- Apply the|DC-link precharging: Use 6SE7036-0EF85-0EA0 to controls dc-link precharging and auxiliary converter power functions within the documented SIMOVERT MASTERDRIVES. Confirm the dc-link input section, electrical class and controlled drawing before work.
- Prepare the|contactor sequence: Record precharge, contactor and feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact EF85 precharge module arrangement during replacement.
- Complete the|charging-curve test: Test charging curve and contactor sequence. Review Siemens diagnostics and record the final EF85 precharge module result before returning the affected function to service.

Match 6SE7036-0EF85-0EA0 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](#)

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