

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX84-1CE0

IPI parallel switch module

FUNCTION IPI parallel switch module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SIMOVERT 6SE7090-0XX84-1CE0 is a IPI parallel switch module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IPI parallel switch module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Coordinates parallel inverter switching
Power Architecture	IPI multi-inverter interface
Voltage Class	380–480 V AC system
Current Rating	Five to six inverter units
Control Supply	Internal 24 V control circuits
Power Section	Parallel inverter control bay
Mechanical Design	Plug-in interface circuit board
Electrical Interface	IPI synchronization connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet ambient cooling
Board Designation	6SE7090-0XX84-1CE0 IPI
Service Role	Parallel-drive interface spare
Product Status	Legacy Siemens module
Commissioning Check	Verify synchronized enable sequence

OFFICIAL APPLICATIONS

- Use the IPI parallel switch module: Apply 6SE7090-0XX84-1CE0 for coordinates parallel inverter switching after matching the exact system, electrical class and installed section.
- Confirm the 380–480 V AC system configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Verify synchronized enable sequence. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6SE7090-0XX84-1CE0 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/6SE7090-0XX84-1CE0>

AMIKON PRODUCT SUPPORT

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