

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX84-0FA0

pulse encoder feedback optional board

FUNCTION	FAMILY	ORIGIN	WEIGHT
pulse encoder feedback optional board	SIMOVERT MASTERDRIVES	Germany	0.3 kg

Siemens SIMOVERT 6SE7090-0XX84-0FA0 is a pulse encoder feedback optional board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	pulse encoder feedback optional board [6SE7090-0XX84-0FA0 P01]
Drive Family	SIMOVERT MASTERDRIVES [6SE7090-0XX84-0FA0 P02]
Primary Function	Evaluates incremental HTL and TTL encoders [6SE7090-0XX84-0FA0 P03]
Power Architecture	6SE7090-0XX84-0FA0 industrial architecture [6SE7090-0XX84-0FA0 P04]
Voltage Class	Installed equipment voltage class [6SE7090-0XX84-0FA0 P05]
Current Rating	Model-specific channel current [6SE7090-0XX84-0FA0 P06]
Control Supply	24 V DC control class [6SE7090-0XX84-0FA0 P07]
Power Section	SIMOVERT MASTERDRIVES service section [6SE7090-0XX84-0FA0 P08]
Mechanical Design	6SE7090-0XX84-0FA0 service assembly [6SE7090-0XX84-0FA0 P09]
Electrical Interface	Option-board backplane connector [6SE7090-0XX84-0FA0 P10]

Cooling Integration	SIMOVERT MASTERDRIVES cooling practice [6SE7090-0XX84-0FA0 P11]
Board Designation	6SE7090-0XX84-0FA0 exact designation [6SE7090-0XX84-0FA0 P12]
Service Role	6SE7090-0XX84-0FA0 maintenance role [6SE7090-0XX84-0FA0 P13]
Product Status	6SE7090-0XX84-0FA0 identity verification [6SE7090-0XX84-0FA0 P14]
Commissioning Check	Validate 6SE7090-0XX84-0FA0 diagnostics and function [6SE7090-0XX84-0FA0 P15]

- Apply the pulse encoder feedback optional board: Use 6SE7090-0XX84-0FA0 to evaluates incremental htl and ttl encoders within the documented SIMOVERT MASTERDRIVES. Confirm its electrical class, installed position and controlled equipment drawings before work.
- Match the Option-board backplane connector: Record connector keying, cable labels, shielding, protective earth and adjacent assemblies. Preserve the documented interface and mechanical arrangement during exchange.
- Validate the restored function: After installation, run the applicable diagnostics, verify the connected equipment response and record the final acceptance results before returning the system to service.

Match 6SE7090-0XX84-0FA0 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

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SE7090-0XX84-0FA0>

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