

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX84-0BC0

SCB1 serial interface module

FUNCTION SCB1 serial interface module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.38 kg
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Siemens SIMOVERT 6SE7090-0XX84-0BC0 is a SCB1 serial 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	SCB1 serial interface module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Provides peer-to-peer fiber communication
Power Architecture	Digital converter electronics
Voltage Class	Drive communication class
Current Rating	SCI1 and SCI2 channel load
Control Supply	24 V DC control class
Power Section	Serial communication option slot
Mechanical Design	Plug-in service assembly
Electrical Interface	Fiber, SCI1 and SCI2 ports

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SE7090-0XX84-0BC0 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|SCB1 peer interface: Use 6SE7090-0XX84-0BC0 to provide peer-to-peer fiber communication within the documented SIMOVERT MASTERDRIVES. Confirm the assigned serial communication option slot, electrical class and controlled drawing before work.
- Match the|Fiber, SCI1 and SCI2 ports: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SE7090-0XX84-0BC0 assembly. Preserve the documented SCB1 peer interface interface during exchange.
- Validate the|Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7090-0XX84-0BC0 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 manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6SE7090-0XX84-0BC0>

AMIKON PRODUCT SUPPORT

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