

SIMOVERT MASTERDRIVES

Product Data Sheet

C98043-A7090-L2

TCB thyristor board

FUNCTION TCB thyristor board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.38 kg
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Siemens SIMOVERT C98043-A7090-L2 is a TCB thyristor board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	TCB thyristor board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls line-side thyristor firing
Power Architecture	Thyristor control electronics
Voltage Class	380–575 V AC
Current Rating	Converter-defined line current
Power Section	Line-side converter section
Mechanical Design	Plug-in TCB board
Electrical Interface	24 V supply and firing connectors
Commissioning Check	Check phase order and thyristor pulses

- Service the 575 V line stage: Use C98043-A7090-L2 to controls line-side thyristor firing in the documented SIMOVERT MASTERDRIVES. Match 380–575 V AC, Converter-defined line current and the installed line-side converter section before work.
- Restore the thyristor pulses: Record 24 v supply and firing connectors, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the A7090 thyristor board.
- Complete the TCB phase check: Check phase order and thyristor pulses. Review Siemens drive diagnostics and record the final A7090 thyristor board configuration before returning the affected machine function to service.

Match C98043-A7090-L2 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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