

SIMOVERT MASTERDRIVES

# Product Data Sheet

**C98043-A7017-L1**

TSE capacitor circuit module

|                              |                       |         |         |
|------------------------------|-----------------------|---------|---------|
| FUNCTION                     | FAMILY                | ORIGIN  | WEIGHT  |
| TSE capacitor circuit module | SIMOVERT MASTERDRIVES | Germany | 0.38 kg |

Siemens SIMOVERT C98043-A7017-L1 is a TSE capacitor circuit module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Component Class      | TSE capacitor circuit module                          |
| Drive Family         | SIMOVERT MASTERDRIVES                                 |
| Primary Function     | Suppresses switching transients in converter circuits |
| Power Architecture   | Digital converter electronics                         |
| Voltage Class        | Converter snubber voltage class                       |
| Current Rating       | Pulse-energy capacitor rating                         |
| Control Supply       | Passive capacitor network                             |
| Power Section        | TSE snubber section                                   |
| Mechanical Design    | Plug-in service assembly                              |
| Electrical Interface | Power terminals and discharge path                    |

## ADDITIONAL PRODUCT DATA

|                     |                                     |
|---------------------|-------------------------------------|
| Cooling Integration | Cabinet cooling arrangement         |
| Board Designation   | C98043-A7017-L1 assembly            |
| Service Role        | Siemens service component           |
| Product Status      | Verify installed revision           |
| Commissioning Check | Run diagnostics and functional test |

## OFFICIAL APPLICATIONS

- Apply the A7017-L1 TSE capacitor: Use C98043-A7017-L1 to suppresses switching transients in converter circuits within the documented SIMOVERT MASTERDRIVES. Confirm the assigned tse snubber section, electrical class and controlled drawing before work.
- Match the Power terminals and discharge path: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact C98043-A7017-L1 assembly. Preserve the documented A7017-L1 TSE capacitor 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 C98043-A7017-L1 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=C98043-A7017-L1>

AMIKON PRODUCT SUPPORT

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