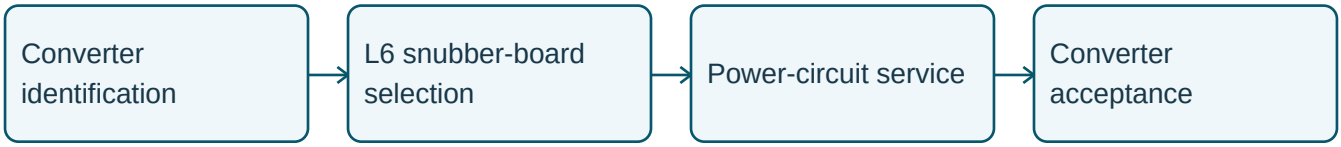
# C98043-A7011-L6

## 01 / System identity and preparation

Siemens C98043-A7011-L6 is an RC snubber board used within the applicable SINAMICS DCM Base Drive power-converter arrangement. Its service selection is associated with the 450 A and 600 A configurations in the US 480 V rating table. These current and voltage values identify the host converter application; they are not standalone electrical ratings for an individual board terminal or component.




### Preparation priorities

| | |
|---|---|
| Board identity | Match the full C98043-A7011-L6 marking and revision against the installed board. |
| Converter relationship | Verify the complete host MLFB, serial number and applicable 450/600 A US 480 V configuration. |

### Guide boundary

This Apter Power guide organizes preparation and acceptance checks. Apply the manufacturer instructions and approved site procedure for detailed wiring, mounting, configuration and functional testing.

### Application boundary

The 450/600 A and US 480 V values describe applicable converter configurations, not standalone board ratings. Match the full converter MLFB, serial number and board suffix before replacement.

**Product and installation enquiries**

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

# 02 / Configuration review before service

| | |
|---|---|
| Board identity | Match the full C98043-A7011-L6 marking and revision against the installed board. |
| Converter relationship | Verify the complete host MLFB, serial number and applicable 450/600 A US 480 V configuration. |
| Service association | Check service reference 6RY17030FA10 against the converter-specific parts arrangement. |
| Return to service | Complete the converter-specific connection inspection and service acceptance procedure. |

## Retain the L6 suffix

Do not substitute another C98043-A7011 suffix solely because its base designation is similar.

## Match the host converter

Check the full converter MLFB, serial number and rating before selecting the board.

## Configured system behavior

The board marking is associated with service part number 6RY17030FA10. Maintenance identification should retain both the C98043-A7011-L6 board reference and the full converter MLFB and serial number. This relationship distinguishes the board from neighboring snubber-board executions used at other converter ratings and avoids treating all C98043-A7011 versions as interchangeable.

## Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

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# 03 / Hardware and interface checks

## Keep rating scope clear

450/600 A and US 480 V identify the applicable converter range, not independent board terminal ratings.

## Confirm the service reference

Check the 6RY17030FA10 service association against the installed converter and offered board marking.

## Key hardware references

| | |
|---|---|
| Board reference | C98043-A7011-L6 |
| Service part reference | 6RY17030FA10 |
| Applicable converter current | 450 A and 600 A configurations |
| Applicable rating table | US 480 V Base Drive range |

## Configuration and service context

The board is a component in a complete converter and does not define a separate drive, controller or general-purpose power supply. Replacement selection must therefore consider the installed converter, circuit arrangement, board suffix and connecting hardware together. Apply the converter-specific isolation and service procedure, preserve the original connection records and complete the required inspection before returning the power stage to operation.

## Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

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# 04 / Commissioning and diagnostic decisions

## Follow converter isolation

Use the qualified service and isolation procedure for the complete converter before accessing the power circuit.

## Inspect before release

Check board identity, connections and the converter-specific service acceptance requirements before re-energizing.

## Acceptance checkpoints

| | |
|---|---|
| Before energization | Verify the complete host MLFB, serial number and applicable 450/600 A US 480 V configuration. |
| Configuration review | Check service reference 6RY17030FA10 against the converter-specific parts arrangement. |
| Functional release | Complete the converter-specific connection inspection and service acceptance procedure. |

## Which host information is needed to verify C98043-A7011-L6?

Use the full converter MLFB, serial number, rating and installed board marking to verify the service configuration.

## Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

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# 05 / Service record and technical references

## Lifecycle and support

The current manufacturing and support phase for C98043-A7011-L6 has not been confirmed. Obtain model-specific service guidance for the installed converter configuration.

## Technical basis

Siemens SINAMICS DCM Base Drive Panel Instructions, parts and service information.

## Applicability

The 450/600 A and US 480 V values describe applicable converter configurations, not standalone board ratings. Match the full converter MLFB, serial number and board suffix before replacement.

## Related portfolio references

Siemens 6SL3120-1TE21-8AA3

Siemens 6SL3120-1TE28-5AA3

Siemens 6SL3320-1TE33-1AA3

Siemens 6SL3210-1PE21-1AL0

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

## Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

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