6SY7010-0AB07

01 / Product identity and technical data

Thyristor Block

Siemens 6SY7010-0AB07 is a thyristor block for SIMOVERT MASTERDRIVES. It is a power-stage spare component, so its role must be assessed within the complete converter, cooling arrangement and control system.

Key characteristics

Product type	Thyristor Block
Product series	SIMOVERT MASTERDRIVES
Block execution	Layer A with snubber circuit

Verified technical characteristics

Block execution	Layer A with snubber circuit
System function	Infeed and regenerative feedback
Related equipment current	1780 A host-unit designation
Related equipment supply	3-phase 380-460 V AC, 50/60 Hz host-unit designation

Configuration boundary

The 1780 A and 380-460 V AC figures describe the related converter equipment, not an independent rating of the offered block.

Related portfolio

Siemens 6SY7000-0AD84

Siemens 6SE7041-8EK85-1HA0

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Applications and installation checks

Converter infeed

Provides the specified thyristor-block execution in a matched MASTERDRIVES infeed power stage.

Regenerative feedback

Used in the feedback path of the related converter arrangement when regenerative operation is configured.

Match the identification

Match the complete 6SY7010-0AB07 marking and layer A/snubber assembly.

Review the host system

Check the fitted infeed/regenerative converter designation and power-stage location.

Preserve the installation record

Document terminals, insulating parts, thermal interface and companion devices before removal.

Layer A circuit

The layer A location and snubber-equipped execution distinguish this block from other power-stage positions.

Assembly compatibility

Applicability depends on the installed converter order code, circuit position and companion power components.

Confirm the service procedure

Apply the converter isolation, discharge, assembly and functional verification procedures.

Protect the hardware

Use applicable isolation and electrostatic-discharge controls; protect the board, connectors and mechanical retainers during handling.

Verify the restored system

Complete the approved site acceptance checks, including diagnostics and affected functions, before returning equipment to service.

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03 / Technical questions and service context

What is the layer A function of 6SY7010-0AB07?

It is the thyristor block with snubber circuit in the related infeed/regenerative-feedback assembly.

Does the 1780 A designation of 6SY7010-0AB07 describe the loose block?

No. It identifies the related converter equipment and must not be presented as the independent block rating.

Which AC equipment class is associated with 6SY7010-0AB07?

The Siemens product entry associates this block with a three-phase 380-460 V AC, 50/60 Hz converter arrangement.

Which assembly details matter when selecting 6SY7010-0AB07?

Compare the exact order code, layer A position, snubber arrangement, terminals and mounting with the fitted converter.

Lifecycle

Siemens identifies this order code as discontinued. Confirm current support and replacement guidance for the complete installed converter.

What should be recorded before exchanging 6SY7010-0AB07?

Record power-stage connections, insulating parts, thermal interface and companion components.

Are companion power components included with 6SY7010-0AB07?

Confirm every supplied component, connector and document in the quotation; the reference to a converter does not mean the converter is included.

Can current photos and dispatch for 6SY7010-0AB07 be confirmed?

Request current photos of the marking and assembly, available quantity and dispatch date in the quotation.

Which acceptance checks follow installation of 6SY7010-0AB07?

Follow the converter isolation, discharge and assembly procedure, then verify infeed/regenerative behavior and fault indications.

Technical basis

Siemens SiePortal product entry for 6SY7010-0AB07.

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