

SAMC 11

Power Supply Board

ABB SAMC 11, also marked SAMC11, is a power supply board used in legacy ABB Stromberg control electronics. The exact installed suffix and assembly position must be confirmed before selection.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	SAMC 11
Product role	Power Supply Board
System family	ABB Stromberg Control Electronics

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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SAMC 11

Technical Specifications

PARAMETER	VERIFIED VALUE
Product identity	SAMC 11
Marking alias	SAMC11
Product type	Power supply board
Manufacturer family	ABB Stromberg

PARAMETER	VERIFIED VALUE
Hardware class	Legacy control-electronics board
Variant boundary	SAMC 11 POW must be confirmed separately
Selection boundary	Match the complete installed marking and connector arrangement

Engineering boundary

Retain SAMC 11 and SAMC11 as marking aliases only. Do not assume the separate SAMC 11 POW variant or its number unless that marking is present on the physical board.

Identity Acceptance

CONTROL	VERIFIED VALUE
Product identity	SAMC 11
Marking alias	SAMC11
Product type	Power supply board
Manufacturer family	ABB Stromberg

Related Products

MODEL	APTER POWER PAGE
ABB RXMVB4 RK251402-AD	View ABB RXMVB4 RK251402-AD
ABB AX561 1TNE968902R1301	View ABB AX561 1TNE968902R1301
ABB SB822 3BSE018172R1	View ABB SB822 3BSE018172R1

Functions and Applications

Power-supply function Provides the documented board-level supply role in the matching control assembly.	Alias matching Recognizes SAMC 11 and SAMC11 without discarding other installed suffixes.
Variant separation Keeps the SAMC 11 POW variant outside scope unless its marking is present.	Legacy ABB integration Supports the associated Stromberg control-electronics arrangement.

Common Applications

APPLICATION	ENGINEERING CONTEXT
Control-board power service	Maintains the board-level supply function in the matching ABB Stromberg assembly.
Legacy board replacement	Replaces the exact SAMC 11 after all markings and connectors are recorded.
Power-rail troubleshooting	Supports controlled verification of the documented power-supply path.
Installed-system maintenance	Preserves the original card-rack and companion-board relationships.

Related Products

MODEL	APTER POWER PAGE
ABB 3BSE007137R1 PFVO131	View ABB 3BSE007137R1 PFVO131
ABB 3BHB020720R0002 5SHY3545L0016	View ABB 3BHB020720R0002 5SHY3545L0016
ABB IEPAF02	View ABB IEPAF02

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete ABB SAMC 11 or SAMC11 marking before work.
2	Record every suffix, revision, card-rack position and connector.
3	De-energize and verify the stored-energy condition before removing the board.
4	Use ESD controls and inspect the connector and card guides.
5	Do not assume that SAMC 11 and SAMC 11 POW are the same variant.
6	Confirm the companion boards and documented power path.
7	Restore the original connector orientation and retained settings.
8	Verify supply status and all dependent control functions before release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB SAMC 11?	ABB SAMC 11, also marked SAMC11, is a legacy power supply board.
Which family uses ABB SAMC 11?	The board is associated with ABB Stromberg control electronics.
Are SAMC 11 and SAMC11 the same marking form?	They are catalog spelling forms, but all suffix and revision markings must still be checked.
Is ABB SAMC 11 automatically the SAMC 11 POW variant?	No. The POW marking and its associated identity must be present on the physical board.

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Model-Specific FAQ - Part 2

QUESTION	ANSWER
What must be recorded before removing ABB SAMC 11?	Record the complete marking, revision, rack position, connectors and companion boards.
Can ABB SAMC 11 be serviced while energized?	No. Follow the approved isolation and stored-energy procedure.
What should be checked after installing ABB SAMC 11?	Check the documented supply status, connectors and every dependent control function.
What confirms ABB SAMC 11 commissioning?	The exact identity, supply behavior and dependent control functions must match the approved acceptance record.

Related Products and Release

MODEL	APTER POWER PAGE
ABB IEPAF02	View ABB IEPAF02
ABB 83SR07A-E GJR2392700R1210	View ABB 83SR07A-E GJR2392700R1210
ABB CI545V01 3BSE011063R1	View ABB CI545V01 3BSE011063R1
ABB DSMB178 IN5730-1001-Y	View ABB DSMB178 IN5730-1001-Y
ABB SA811F 3BDH000013R1	View ABB SA811F 3BDH000013R1

MANUFACTURER SOURCE RECORDS

1. ABB Stromberg Thyristor Braking Unit Manual SAMC 11 Board Reference
2. Industrial Parts Catalog ABB SAMC 11 Power Supply Board Record

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