

Installation Identity and Scope

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	SAMC 11
Manufacturer	ABB
Hardware role	Power Supply Board
System family	ABB Stromberg Control Electronics

Controlled engineering copy

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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



SAMC 11

Pre-Installation Plan

NO.	REQUIRED ACTION
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.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete SAMC 11 marking and hardware role
Connections	Approved power, grounding and protocol interfaces
Configuration	Controlled backup, addressing and protocol files
Test plan	Defined acceptance values and controlled restart authority

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

Release hold point

Do not disturb the installed device until exact marking, interfaces, companion hardware and configured function are documented.

Wiring, Network and Configuration Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Product type	Power supply board
Manufacturer family	ABB Stromberg
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

Configuration 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.

Expected Technical Values

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

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

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete SAMC 11 marking match the record.
Power	Measured supply agrees with the documented operating requirement.
Interface	Connectors, addressing and network parameters match the approved project.
Configuration	Protocol files, framing and mapped data areas match the controlled backup.
Diagnostics	No unexplained status, counter or communication fault remains.
Functional proof	Controlled bidirectional data transfer completes successfully.
Release	Final values and test results are retained with restart approval.

Questions to Resolve

QUESTION	ENGINEERING 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.

Related Products

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ABB SB822 3BSE018172R1	View ABB SB822 3BSE018172R1
ABB 3BSE007137R1 PFVO131	View ABB 3BSE007137R1 PFVO131
ABB 3BHB020720R0002 5SHY3545L0016	View ABB 3BHB020720R0002 5SHY3545L0016
ABB IEPAF02	View ABB IEPAF02
ABB 83SR07A-E GJR2392700R1210	View ABB 83SR07A-E GJR2392700R1210

Source, Related Products and Release

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

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	SAMC 11 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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