

SC510 3BSE003832R1

Submodule Carrier

ABB SC510 3BSE003832R1 is a submodule carrier without a CPU for Advant Controller 450. ABB documents SC510 as supporting up to seven submodules within the controller carrier arrangement.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	SC510 3BSE003832R1
Product role	Submodule Carrier
System family	Advant Controller 450

MANUFACTURER SOURCE RECORDS

- 1. ABB SC510 3BSE003832R1 Official Product Record
- 2. ABB Advant Controller 450 Data Sheet 3BSE070176

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Product Overview

System function

ABB SC510 3BSE003832R1 is a submodule carrier without a CPU for Advant Controller 450. ABB documents SC510 as supporting up to seven submodules within the controller carrier arrangement.

Seven-slot carrier role

Provides the documented carrier positions for as many as seven submodules.

CPU-independent hardware

Supplies the submodule carrier function without including a processor unit.

AC450 integration

Operates within the Advant Controller 450 hardware architecture.

GCOM support

Participates in the documented CI543 communication-module arrangement.

Technical note

Record the complete SC510 3BSE003832R1 identity, installed submodule positions and controller configuration. The carrier role and module allocation must match the Advant Controller 450 hardware record.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE	PARAMETER	VERIFIED VALUE
Product identity	SC510	Controller family	Advant Controller 450
ABB item	3BSE003832R1	Maximum submodules	Up to 7 on SC510
Product type	Submodule carrier	Carrier arrangement	Total controller allocation includes CPU and submodules
CPU included	No	GCOM arrangement	CI543 with SC510; up to 5 documented

Engineering boundary

Record the complete SC510 3BSE003832R1 identity, installed submodule positions and controller configuration. The carrier role and module allocation must match the Advant Controller 450 hardware record.

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
AC450 submodule expansion	Holds approved submodules in an Advant Controller 450 station.
Communication-module hosting	Supports documented CI543 communication arrangements.
Carrier replacement	Restores the exact submodule layout after a controlled SC510 replacement.
Legacy controller maintenance	Preserves module positions and controller allocation records during service.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB SC510 3BSE003832R1?	It is a CPU-less submodule carrier for Advant Controller 450.
Does ABB SC510 3BSE003832R1 include a CPU?	No. ABB describes SC510 as a submodule carrier without CPU.

Related Products

MODEL	APTER POWER PAGE
ABB 07NG61R1 GJV3074311R1	View ABB 07NG61R1 GJV3074311R1
ABB 07PS62R2 GJV3074332R2	View ABB 07PS62R2 GJV3074332R2
ABB 07SK90R1 GJR5250200R0001	View ABB 07SK90R1 GJR5250200R0001
ABB 07ZE61R302 GJV3074321R302	View ABB 07ZE61R302 GJV3074321R302

FAQ, Related Products and Sources

QUESTION	ANSWER
How many submodules can ABB SC510 3BSE003832R1 hold?	ABB documents up to seven submodules on an SC510 carrier.
Which controller family uses ABB SC510 3BSE003832R1?	The carrier is documented for Advant Controller 450.
Can ABB SC510 3BSE003832R1 host CI543 communication modules?	Yes. ABB documents CI543 GCOM arrangements with SC510.
What must be recorded before replacing ABB SC510 3BSE003832R1?	Record every submodule identity, position and the complete controller hardware allocation.
Can submodules be returned to different positions on ABB SC510 3BSE003832R1?	Only when the approved controller hardware configuration explicitly authorizes the new allocation.
What confirms ABB SC510 3BSE003832R1 commissioning?	All submodules must match their recorded positions and controller diagnostics and communication must pass controlled tests.

MODEL	APTER POWER PAGE
ABB 086363-002	View ABB 086363-002
ABB 086364-001	View ABB 086364-001
ABB 0G0010-00-090	View ABB 0G0010-00-090
ABB 1HSB495663-3	View ABB 1HSB495663-3

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