

SC560 3BSE008105R1

Submodule Carrier

ABB SC560 3BSE008105R1 is a communication-module submodule carrier with local CPU for ABB control-system hardware. The SC560 identity is associated with ABB article 3BSE008105R1 and the role “Submodule Carrier incl local CPU.”

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	SC560 3BSE008105R1
Product role	Submodule Carrier
System family	ABB Advant OCS / Advant 800xA
Country of origin	Sweden

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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SC560 3BSE008105R1

Technical Specifications

PARAMETER	VERIFIED VALUE
Product type	Communication Module
Device role	Submodule Carrier
Local CPU	Included with local CPU
ABB article	3BSE008105R1
Designation	SC560

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Before commissioning ABB SC560 3BSE008105R1, verify the carrier marking, installed local CPU arrangement, backplane position and connected submodules. Record the communication-module configuration before returning the system to service.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify ABB SC560 3BSE008105R1 marking before handling.
2	Isolate cabinet power and the associated backplane before removal.
3	Confirm the local CPU and submodule arrangement against the installed record.
4	Check backplane position, connectors and retaining hardware.
5	Record communication-module wiring and configuration before replacement.

System Role and Architecture

ABB SC560 3BSE008105R1 is a communication-module submodule carrier with local CPU for ABB control-system hardware. The SC560 identity is associated with ABB article 3BSE008105R1 and the role “Submodule Carrier incl local CPU.”

FUNCTION 1
Submodule carrier

FUNCTION 2
Local CPU integration

FUNCTION 3
Modular communication hardware

FUNCTION 4
Controlled backplane replacement

Common Applications

APPLICATION	ENGINEERING CONTEXT
Modular ABB control cabinets	Provides a carrier position for documented communication submodules.
Local CPU arrangements	Supports a carrier configuration with the specified local CPU role.
Communication submodule integration	Maintains the installed backplane and communication-module arrangement.
Replacement and commissioning	Enables controlled replacement after recording the original configuration.

CONTROLLED ACCEPTANCE DUTY

Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify ABB SC560 3BSE008105R1 marking before handling.
2	Isolate cabinet power and the associated backplane before removal.
3	Confirm the local CPU and submodule arrangement against the installed record.
4	Check backplane position, connectors and retaining hardware.
5	Record communication-module wiring and configuration before replacement.
6	Perform a controlled communication and system-start test before release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB SC560 3BSE008105R1?	A communication-module submodule carrier with local CPU for ABB control-system hardware.
What is the ABB article number?	3BSE008105R1.
What role does SC560 perform?	It provides a submodule carrier position in the documented communication hardware arrangement.
What must be isolated before replacement?	Cabinet power and the associated backplane.

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What should be recorded first?	Carrier marking, local CPU arrangement, backplane position and submodule wiring.
How is the replacement accepted?	The communication path and system start are checked under controlled conditions.
Can the carrier be commissioned without configuration records?	No; the installed communication-module arrangement should be recorded first.
What is the release test?	A controlled communication and system-start test with no unexplained fault.

Related Products on Apter Power

MODEL	APTER POWER PAGE
ABB DI811 3BSE008552R1	View ABB DI811 3BSE008552R1
ABB TU831V1 3BSE013235R1	View ABB TU831V1 3BSE013235R1
ABB SR511 3BSE000863R1	View ABB SR511 3BSE000863R1

MANUFACTURER SOURCE RECORD

ABB SC560 product record
 ABB SC560 product record; article 3BSE008105R1; Submodule Carrier incl local CPU

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