

Installation Identity and Scope

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.”

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	SC560 3BSE008105R1
Manufacturer	ABB
Hardware type	Submodule Carrier
System family	ABB Advant OCS / Advant 800xA
Official source	ABB SC560 product record; article 3BSE008105R1; Submodule Carrier incl local CPU

CONTROLLED ENGINEERING COPY

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.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SC560 3BSE008105R1

Pre-Installation Plan

NO.	REQUIRED ACTION
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.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	SC560 3BSE008105R1
Physical interface	ABB backplane
Companion check	Local CPU
Configuration	Communication submodules
Functional proof	Retaining hardware

RELEASE HOLD POINT

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

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Backplane	Confirm carrier position and connectors
CPU arrangement	Confirm local CPU configuration
Communication	Verify submodule wiring and response

CONFIGURATION 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.

Expected Technical Values

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

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	SC560 and 3BSE008105R1 recorded
Hardware	Backplane and local CPU arrangement verified
Function	Communication and system-start test passed

Technical Questions to Resolve

QUESTION	ENGINEERING 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.

Source, Related Products and Release

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	SC560 3BSE008105R1 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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