

ABB DSPC172H 57310001-MP

Complete Product Information

ABB DSPC172H 57310001-MP provides the processor-unit function for a maintained Advant Master control configuration.

WHAT THIS PRODUCT DOES

ABB DSPC172H 57310001-MP is a DSPC 172H processor unit identified in ABB product data and the ABB Advant Master service-parts portfolio. It provides the processor hardware position for a documented Advant Master controller configuration.

Product characteristic 1 Identified by ABB as a DSPC 172H processor unit.	Product characteristic 2 Listed in ABB service material under the Advant Master product line.
Product characteristic 3 Occupies the controller processor-hardware role in the installed system.	Product characteristic 4 Requires the existing application and hardware configuration to be preserved during service work.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Product line	Advant Master
Hardware type	Processor unit
System context	Advant Master controller
Control role	Controller processing hardware

APTERPOWER SALES TEAM
WhatsApp / Phone: +86 180 3023 5313
Email: sales13@apterpower.com
Scan the approved WhatsApp code for model-specific support.



Features and technical data

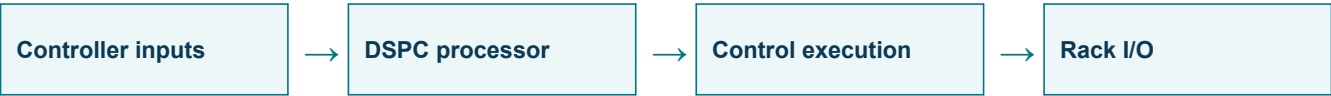
TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Product line	Advant Master
Hardware type	Processor unit
System context	Advant Master controller
Control role	Controller processing hardware

FEATURE INTERPRETATION

Product identity Identified by ABB as a DSPC 172H processor unit.	System role Listed in ABB service material under the Advant Master product line.
Service context Occupies the controller processor-hardware role in the installed system.	Return-to-service focus Requires the existing application and hardware configuration to be preserved during service work.

SIGNAL OR CONTROL PATH



The processor unit has a defined role in its documented ABB control architecture. Match the installed hardware, connectors, configuration and service records before return to operation.

PRODUCT-PAGE TECHNICAL QUESTIONS

What hardware role does ABB DSPC172H 57310001-MP perform?	ABB identifies it as the DSPC 172H processor unit.
Which ABB product line lists DSPC172H 57310001-MP?	ABB service material places the processor unit in the Advant Master product line.
What must be preserved before replacing ABB DSPC172H 57310001-MP?	Preserve the controller application, hardware configuration, retained data and installed connection record.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Legacy controller maintenance Restore the documented processor position in an installed Advant Master controller.	Process-control recovery Return the existing controller application to service after an exact-identity hardware replacement.
Configuration preservation Maintain the recorded application, memory and controller-hardware arrangement during service.	Controlled restart Verify processor status, controller communication and assigned I/O before enabling the process.

APPLICATION VERIFICATION MAP

Legacy controller maintenance	Confirm the documented system position and the required operating function.
Process-control recovery	Compare the restored connection or control path with the approved record.
Configuration preservation	Check the physical interface and the retained configuration before startup.
Controlled restart	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record Complete marking and assigned system position.	Connection record Connector, conductor and interface arrangement as found.
Configuration record Controlled settings, application data and option state.	Acceptance record Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

What must be preserved before replacing ABB DSPC172H 57310001-MP?	Preserve the controller application, hardware configuration, retained data and installed connection record.
Which physical details should be recorded for ABB DSPC172H 57310001-MP?	Record the installed position, connector orientation, memory arrangement and every attached cable.
What handling controls apply to ABB DSPC172H 57310001-MP?	Isolate power and use the site's electrostatic-discharge procedure before touching the processor hardware.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

- 01 Confirm the complete DSPC172H 57310001-MP marking before removing the installed processor unit.
- 02 Back up the controller application, configuration and retained operating data according to the site procedure.
- 03 Record the installed position, connector orientation, memory arrangement and every attached cable.
- 04 Isolate power and follow electrostatic-discharge controls before handling the processor hardware.
- 05 Inspect the mating connectors, backplane contacts and retention hardware before installation.
- 06 Do not transfer memory or configuration items until the required processor state is confirmed.
- 07 Check processor indications, controller communication and I/O status after startup.
- 08 Validate interlocks and the controlled process sequence before returning the system to service.

FREQUENTLY ASKED TECHNICAL QUESTIONS

What hardware role does ABB DSPC172H 57310001-MP perform?	ABB identifies it as the DSPC 172H processor unit.
Which ABB product line lists DSPC172H 57310001-MP?	ABB service material places the processor unit in the Advant Master product line.
What must be preserved before replacing ABB DSPC172H 57310001-MP?	Preserve the controller application, hardware configuration, retained data and installed connection record.
Which physical details should be recorded for ABB DSPC172H 57310001-MP?	Record the installed position, connector orientation, memory arrangement and every attached cable.

IMPORTANT NOTICE

Release the product only after identity, physical condition, configuration and functional response are accepted.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, source record and related models

ADDITIONAL TECHNICAL QUESTIONS

What handling controls apply to ABB DSPC172H 57310001-MP?	Isolate power and use the site's electrostatic-discharge procedure before touching the processor hardware.
How is ABB DSPC172H 57310001-MP checked after startup?	Confirm processor indications, controller communication, assigned I/O and the approved process sequence.
When can ABB DSPC172H 57310001-MP return to operation?	Release it only after the saved application, controller communication, interlocks and controlled outputs are verified.
Why must a nearby processor code not replace ABB DSPC172H 57310001-MP without review?	Processor hardware, memory and controller execution can differ, so selection must use the complete identifier and installed-system records.

MANUFACTURER EVIDENCE RECORD

Manufacturer source	ABB product data for 57310001-MP and ABB Parts Spring Sales Event 2020
Evidence boundary	Technical statements are limited to the identified product or applicable manufacturer family.
Selection control	Use the complete ordering string and verify the installed system before purchase or installation.

RELATED MODELS ON APTERPOWER

ABB DSQC323-3HAB5956-1	Related product reference. Review the complete ordering string before selection.
ABB DSQC332	Related product reference. Compare the required interface and system position.
ABB DSQC223 YB560103 BD/4	Related product reference. Confirm the execution independently for the intended task.

APTERPOWER SALES TEAM
 WhatsApp / Phone: +86 180 3023 5313
 Email: sales13@apterpower.com
 Scan the approved WhatsApp code for model-specific support.

