

APTER POWER PRODUCT GUIDE

MB510

Program Card Interface

ABB MB510 is the program card interface identified by product ID 3BSE002540R1 for Advant Master and Advant OCS hardware. It provides the system interface used with the designated program-card arrangement.

Manufacturer	ABB
Model	MB510
Part number	3BSE002540R1
Product type	Program Card Interface
Product family	Advant Master / Advant OCS
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Installation identity and system fit

- Advant Master or Advant OCS station
- matched program card
- assigned controller hardware
- system engineering backup

Controlled configuration

Complete model	MB510
Part number	3BSE002540R1
Product type	Program Card Interface
System family	Advant Master / Advant OCS

2. Wiring, configuration and commissioning

- 1 Confirm MB510 and product ID 3BSE002540R1 together.
- 2 Secure a verified program backup before service.
- 3 Protect the card and interface from static discharge.
- 4 Validate the restored controller program and checksum.

Commissioning hold point

Important Notice: MB510 service must protect the verified program image and must match product ID 3BSE002540R1 to the installed Advant hardware.

3. Application and functional verification

Advant Master program handling

Interfaces the program card with the control system

Advant OCS maintenance stations

Maintains the assigned Advant hardware function

Legacy controller program transfer

Supports controlled program-media handling

Controlled system restoration

Provides a model-specific service point for the installed system

Associated system components

- Advant Master or Advant OCS station
- matched program card
- assigned controller hardware
- system engineering backup

4. Maintenance and replacement record

How should MB510 be handled?

Use ESD controls and protect the card contacts and keyed interface.

How is MB510 commissioned after replacement?

Confirm hardware recognition, program transfer, checksum and controller start-up state.

Can a different program card interface replace MB510?

Only after an engineered comparison confirms product ID, connector, media and system compatibility.

What maintenance record should accompany MB510?

Record the hardware ID, program backup revision, checksum, replacement identity and restore result.

Official source

ABB Advant Master AC 450 / Advant MOD 300 AC 460 spare-parts document 4HZG000081

<https://library.e.abb.com/public/65fd01d9592c4ac09ff7f4b88c67adc7/ADVANT%20Master%20AC%20450%20-%20ADVANT%20MOD%20300%20AC%20460%20Limited%204HZG000081.pdf>

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