

MANUFACTURER-SOURCE TECHNICAL REFERENCE

# ABB 1SAP180100R0001 MC502B0

## 1SAP180100R0001 MC502B0 Evidence-Bounded Product Information Manual

ABB MC502 AC500 SD memory card with requested MC502B0 label

### DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product / lookup identity | ABB 1SAP180100R0001 MC502B0                                       |
| Reference number          | 1SAP180100R0001 MC502B0                                           |
| Document basis            | Published ABB product records, PDFs, and manuals listed on page 3 |



### Product page

<https://www.apterpower.com/ABB/1sap180100r0001-c2-a0mc502b0>

### Apter Power contact

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## Workflow and system context

ABB ISAPI80100R0001 MC502B0 is an evidence-bounded MC502 AC500 SD memory card with requested MC502B0 label. System role: ABB documentation identifies MC502 as a 512 MB SD card used in AC500-eCo update workflows and ACS580MV service procedures.

- |    |                                                                                                                                           |
|----|-------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | System Inputs: ABB documentation identifies MC502 as a 512 MB SD card used in AC500-eCo update workflows and ACS580MV service procedures. |
| 02 | Processing: Use the exact AC500 or drive service instruction for card preparation, supported files, power sequencing and data backup.     |

## Published context and boundaries

- |    |                                                                                                                                                                      |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | Verify the complete ABB ISAPI80100R0001 MC502B0 physical label and installed-system documentation before use.                                                        |
| 02 | Treat MC502B0 as an unverified requested label until the physical card or ABB order record proves the suffix; do not claim it as a distinct revision or replacement. |
| 03 | Origin and HS code remain unpublished unless an exact manufacturer record or the physical package label establishes them.                                            |

## Verification and release checks

|    |                                                                                                                                                                      |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | Verify the complete ABB ISAPI80100R0001 MC502B0 label, revision and installed-system documentation before use.                                                       |
| 02 | Treat MC502B0 as an unverified requested label until the physical card or ABB order record proves the suffix; do not claim it as a distinct revision or replacement. |
| 03 | De-energize the equipment and follow the site's approved electrical and process-safety procedure before disturbing hardware or wiring.                               |
| 04 | Back up controller, drive, network and configuration data before replacement, migration or firmware work.                                                            |
| 05 | Verify every companion module, cable, connector, termination and power source from approved drawings.                                                                |
| 06 | Do not copy electrical, communication, mechanical or lifecycle values from a related model or successor.                                                             |

## Identity and release controls

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Verification Status | Verified Order Id Base Model Requested Label Hold |
|---------------------|---------------------------------------------------|

### Official ABB sources

|                                     |                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABB MC502 product page              | <a href="https://www.abb.com/global/en/products/isapi80100r0001">https://www.abb.com/global/en/products/isapi80100r0001</a>                                                                                                                                                                                             |
| ABB AC500-eCo firmware update guide | <a href="https://library.e.abb.com/public/dd271289997e6951c1257c22002e8ed2/AD220015_FW-Boot-Update%20for%20AC500-eCo%20CPU%20Step%20By%20Step_V2.X.X-V2.2.pdf">https://library.e.abb.com/public/dd271289997e6951c1257c22002e8ed2/AD220015_FW-Boot-Update%20for%20AC500-eCo%20CPU%20Step%20By%20Step_V2.X.X-V2.2.pdf</a> |
| ABB ACS580MV troubleshooting guide  | <a href="https://library.e.abb.com/public/788cc41ab9e143c49e1e5a85070d6742/ACS580MV_Troubleshooting_L_A5.pdf">https://library.e.abb.com/public/788cc41ab9e143c49e1e5a85070d6742/ACS580MV_Troubleshooting_L_A5.pdf</a>                                                                                                   |