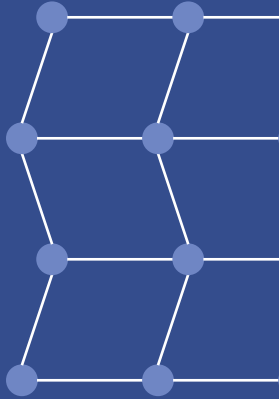


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB 1SAP180100R0001 MC502B0

Product Reference

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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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

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. System context: ABB MC502 AC500 SD memory card with requested MC502B0 label.

Published field	Manufacturer-published value or verified identity note
ABB product ID	ISAPI80100R0001
Verified model	MC502
Product type	AC500 SD memory card
Published capacity	512 MB
Requested MC502B0 mapping	HOLD pending physical label / ABB order record
Documented use	AC500-eCo update and ACS580MV service workflows
Lifecycle / origin / HS / shipment weight	Not published for the requested full identity

System function and signal path

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.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB ISAPI80100R0001 MC502B0.

2 System documentation: Provides a source-traceable boundary for the documented AC500 SD-memory-card use configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is ABB ISAPI80100R0001 MC502B0?	It is an evidence-bounded MC502 AC500 SD memory card with requested MC502B0 label; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Order Id Base Model Requested Label Hold.
What is its system role?	ABB documentation identifies MC502 as a 512 MB SD card used in AC500-eCo update workflows and ACS580MV service procedures.
Which installed-base context is documented?	AC500 SD-memory-card use.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official ABB sources

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