

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB CI854BK01 3BSE069449R1

Product Reference

ABB CI854BK01 3BSE069449R1 Official-Source Product Reference

DOCUMENT SCOPE

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

Product / lookup identity	ABB CI854BK01 3BSE069449R1
Reference number	3BSE069449R1
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

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Product role and published parameters

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

ABB CI854BK01 3BSE069449R1 is an evidence-bounded PROFIBUS DP-V1 master communication interface kit in the ABB AC 800M and System 800xA architecture context. System role: The kit connects AC 800M to PROFIBUS DP/DP-V1 field devices, remote I/O, drives and compatible linking devices. System context: ABB CI854BK01 3BSE069449R1 Official-Source Product Reference.

Published field	Manufacturer-published value or verified identity note
Kit model	CI854BK01
Article number	3BSE069449R1
Package contents	One CI854B communication interface and one TP854 baseplate
Protocol and role	PROFIBUS DP-V1 master
Channels	2
Transmission speed	9.6 to 12000 kbit/s
Redundancy	Line redundancy and module/master redundancy supported

System function and signal path

- 01 System Inputs: The kit connects AC 800M to PROFIBUS DP/DP-V1 field devices, remote I/O, drives and compatible linking devices.
- 02 Processing: CI854B provides two PROFIBUS channels, up to 12 Mbit/s, line redundancy, same-type master redundancy and hot-swap support within the documented System 800xA software boundary.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB CI854BK01 3BSE069449R1.

2 System documentation: Provides a source-traceable boundary for rack, network, I/O and termination records.

3 Commissioning review: Guides pre-power checks, companion-module verification and controlled functional testing.

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

Frequently asked questions

What is ABB CI854BK01 3BSE069449R1?	It is an ABB PROFIBUS DP-V1 master communication interface kit; this page is limited to the exact evidence boundary stated in the cited ABB sources.
Is the exact model identity verified?	Verified Exact Ci854Bk01 Kit And Article Number.
What is its system role?	The kit connects AC 800M to PROFIBUS DP/DP-V1 field devices, remote I/O, drives and compatible linking devices.
Which system family is documented?	ABB AC 800M and System 800xA architecture architecture, subject to the exact source boundary.
Are related models automatic substitutes?	No. A sibling, SP/IN generation, repair code or evolution path is not an alias or unconditional drop-in approval.
Must the physical nameplate be checked?	Yes. Verify the model, revision, firmware and all order or repair suffixes.

Official ABB sources

CI854B Product Page – AC 800M Communication Interfaces	https://800xahardwareselector.automation.abb.com/product/ci854b
CI854B Official Data Sheet	https://800xahardwareselector.automation.abb.com/pdf/download/2bad1d0f-0dd6-4b6c-b649-062a44a012dd
AC 800M PROFIBUS DP Configuration	https://library.e.abb.com/public/dfa71e545e64417b98ab66c816590cf3/3BDS009030-600_C_en_AC_800M_6.0_PROFIBUS_DP_Configuration.pdf