

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB RB4C-355/170 3AXD50000006934

Product Reference

ABB ACS880 IP54 cabinet cooling fan

DOCUMENT SCOPE

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

Product / lookup identity	ABB RB4C-355/170 3AXD50000006934
Reference number	3AXD50000006934
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/rb4c-355-170-3axd50000006934>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

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

ABB RB4C-355/170 is an evidence-bounded ACS880 IP54 cabinet cooling fan. System role: It provides forced-air cooling in the documented ACS880 IP54 cabinet arrangements; the required quantity depends on cabinet width and drive package. System context: ABB ACS880 IP54 cabinet cooling fan.

Published field	Manufacturer-published value or verified identity note
Exact model	RB4C-355/170
ABB ordering code	3AXD50000006934
Component role	IEC cabinet cooling fan
Documented auxiliary supply	230 V, 50/60 Hz
400 mm IP54 arrangement	1 fan
800 mm IP54 arrangement	2 fans
600 mm IP54 arrangement	Uses a different fan; do not substitute

System function and signal path

01	System Inputs: It provides forced-air cooling in the documented ACS880 IP54 cabinet arrangements; the required quantity depends on cabinet width and drive package.
02	Processing: For the cited IEC ACS880 arrangements, one fan is specified for a 400 mm IP54 cabinet and two for an 800 mm IP54 cabinet; the associated capacitor and connectors are separately ordered parts.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB RB4C-355/170.

2 System documentation: Provides a source-traceable boundary for the documented ABB ACS880 cabinet cooling architecture 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 RB4C-355/170?	It is an evidence-bounded ACS880 IP54 cabinet cooling fan; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Abb Model And Order Code.
What is its system role?	It provides forced-air cooling in the documented ACS880 IP54 cabinet arrangements; the required quantity depends on cabinet width and drive package.
Which installed-base context is documented?	ABB ACS880 cabinet cooling architecture.
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 RB4C-355/170 Product Record	https://new.abb.com/products/de/3AXD50000006934/rb4c-355-170
ABB ACS880-904 Hardware Manual	https://library.e.abb.com/public/8aea72e52944458a9845a37a1a287cf/EN_ACS880-904_HW_E.pdf
ABB ACS880-04 Hardware Manual	https://library.e.abb.com/public/e5ba92eeac9e41c5a531ce6229c04b52/DE_ACS880-04_module_package_s_HW_G_screenres_A4_A3.pdf