

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB RB4C-355/170 3AXD50000006934

RB4C-355/170 Cabinet Cooling Fan Installation and Verification Manual

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>

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Workflow and system context

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.

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| 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. |

Published context and boundaries

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| 01 | Verify the complete ABB RB4C-355/170 physical label and installed-system documentation before use. |
| 02 | Do not substitute the 115 V UL/CSA fan or the distinct 600 mm cabinet fan, and do not infer compatibility outside the exact ACS880 cabinet drawing, auxiliary voltage and protection-class table. |
| 03 | Origin and HS code remain unpublished unless an exact manufacturer record or the physical package label establishes them.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 RB4C-355/170 label, revision and installed-system documentation before use.
02	Do not substitute the 115 V UL/CSA fan or the distinct 600 mm cabinet fan, and do not infer compatibility outside the exact ACS880 cabinet drawing, auxiliary voltage and protection-class table.
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 Exact Abb Model And Order Code
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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