

ABB - ABB Drives

RB4C-355-170 3AXD50000006934

230 V IP54 Cabinet Cooling Fan

Verified specifications

Official fan designation	RB4C-355/170
ABB ordering code	3AXD50000006934
Auxiliary supply	230 V, 50/60 Hz
Current at 50 Hz	1.1 A
Input at 50 Hz	240 W
Current at 60 Hz	1.45 A
Input at 60 Hz	350 W
400 mm IP54 cabinet	1 fan
800 mm IP54 cabinet	2 fans
Required capacitor	6 µF, 600 V; order code 3AXD50000006959

Product summary

ABB RB4C-355-170 3AXD50000006934 is the 230 V cooling fan specified for selected 400 mm and 800 mm IP54 ACS880 cabinet configurations.

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Additional verified specifications

Plug connector	3AXD50000000723
Socket connector	3AXD50000000724

Cabinet Match

- Use one fan in the documented 400 mm IP54 arrangement
- Use two fans in the documented 800 mm IP54 arrangement
- Do not substitute the different 600 mm IP54 fan code

Electrical Fit

- Provide the documented 230 V 50/60 Hz auxiliary source
- Match the 6 µF 600 V capacitor and approved connectors
- Check actual line frequency against the published current and power values

Replacement Checks

- Confirm airflow direction and impeller clearance before energizing
- Inspect capacitor, plug, socket and cable condition with the fan
- Verify cabinet airflow and temperature after the replacement run

Applications

- ACS880-904 400 mm IP54 cabinet air-outlet cooling
- ACS880-904 800 mm IP54 cabinet air-outlet cooling
- ACS880-04 R10/R11 IP54 cabinet cooling arrangements documented for this fan

Evidence boundary: The exact ABB order code, fan type and electrical/cabinet data are verified. Exact product net weight and complete body W×H×D were not found in the official record and remain blank.