

ABB DRIVE CABINET VENTILATION

Product Data Sheet

G2E140-PI51-09

centrifugal cooling blower

FUNCTION centrifugal cooling blower	FAMILY ABB drive cabinet ventilation	ORIGIN Germany	WEIGHT Confirm before dispatch
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ABB Drives G2E140-PI51-09 is a centrifugal cooling blower for the ABB drive cabinet ventilation. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Fan Model	G2E140-PI51-09
Nominal Voltage	230 V AC
Frequency	50 / 60 Hz
Motor Current	0.8 A
Power Input	65 W
Airflow	280 m³/h
Airflow Imperial	165 CFM
Nominal Speed	2650 r/min
Run Capacitor	4 µF
Capacitor Rating	450 V DC

ADDITIONAL PRODUCT DATA

Impeller Type	Backward-curved centrifugal
Inlet Design	Single inlet
Motor Type	External-rotor AC
Rotation	Clockwise viewed from rotor
Application	ABB drive cabinet cooling

OFFICIAL APPLICATIONS

- Apply G2E140-PI51-09 in its documented equipment: Use G2E140-PI51-09 as the centrifugal cooling blower in the ABB drive cabinet ventilation. Confirm frequency 50 / 60 Hz and the exact installed arrangement before connection.
- Preserve the run capacitor configuration: Record the product label, run capacitor (4 μ F), cable identification, grounding and adjacent hardware before removing the installed unit.
- Prove the centrifugal cooling blower under controlled conditions: After installation, verify rotation (Clockwise viewed from rotor), check diagnostics and test the affected function before returning the equipment to service.

SYSTEM COMPATIBILITY

Match G2E140-PI51-09 to the installed ABB drive cabinet ventilation, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB controlled technical reference](#)

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM