

Installation Instructions

G2E140-PI51-09

centrifugal cooling blower

ABB drive cabinet ventilation

Before work begins

- 01 Confirm the exact G2E140-PI51-09 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable ABB discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

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

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 ABB drive cabinet cooling.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable ABB controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.