ABB DRIVE COOLING FAN ASSEMBLIES

Product Data Sheet

G2E140-PI32-10

Centrifugal drive cooling fan

MOTOR SUPPLY ARCHITECTURE	IMPELLER NOMINAL DIAMETER	AIRFLOW ARRANGEMENT	EXTERNAL ELECTRICAL CONNECTION
Single-phase AC	**140 mm**	**Single-inlet centrifugal**	**Terminal block with capacitor wiring**

ABB-service G2E140-PI32-10 is a centrifugal cooling-fan assembly identified in ABB drive service references. The assembly combines a single-inlet scroll housing, a 140 mm impeller and an external-rotor AC motor, with a guarded round intake and rectangular discharge opening.

01 TECHNICAL DATA

Motor supply architecture	Single-phase AC
Impeller nominal diameter	140 mm
Airflow arrangement	Single-inlet centrifugal
External electrical connection	Terminal block with capacitor wiring
Mechanical mounting	Metal scroll housing with mounting feet
Inlet arrangement	Round guarded intake

Cross-checked G2E140-PI32-10 construction and ABB service reference 3AUA0000216096 Rev F.

02 ADDITIONAL PRODUCT DATA

The pictured execution includes a run capacitor, terminal wiring and metal mounting feet. Public electrical listings and the saved nameplate photographs do not agree on the supply execution, so voltage, current, absorbed power and speed are omitted here. The housing, terminal arrangement and exact supplied nameplate remain distinct identification features of the assembly.

03 PRODUCT FUNCTION

Match G2E140-PI32-10 to the installed drive fan position using the full type marking, mounting feet, scroll orientation and inlet/discharge geometry. ABB service information identifies this fan code in its cooling-fan reference. A reference to an ABB drive family does not prove that every frame in that family uses the same fan.

04 SYSTEM COMPATIBILITY

Identify the actual supplied motor voltage, frequency and capacitor execution from its readable nameplate and the installed equipment documentation. Do not energize the motor from a voltage copied from a conflicting catalog entry. Preserve the terminal allocation, protective-earth path, capacitor wiring and required airflow direction.

05 REFERENCE

Cross-checked G2E140-PI32-10 construction and ABB service reference 3AUA0000216096 Rev F.

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