

INDUSTRIAL AUTOMATION PRODUCT

G2E140-PI32-10

ABB G2E140-PI32-10 long-life centrifugal fan

Auxiliary centrifugal cooling airflow for ACS 800 drive modules

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
System family	ABB Drives auxiliary cooling
Part number	G2E140-PI32-10
Country	Sweden
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named ABB product record.

PARAMETER	TECHNICAL VALUE
Type designation	G2E140-PI32-10
ABB code	10032971
Product type	Long-life fan, centrifugal
Rated voltage	115 V AC
Rated frequency	60 Hz
Rated current	1.9 A
Starting current	3.8 A
Documented drive frame	R7i/R8i
Manufacturer	ABB

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Compatible ACS 800 R7i/R8i drive module
Companion hardware	115 V AC auxiliary supply
Field connection	Drive-cabinet fan mounting position
Primary system function	Listed by ABB as the G2E140-PI32-10 long-life centrifugal fan
Controlled acceptance duty	ACS 800 R7i/R8i cabinet cooling

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System Role and Architecture

Auxiliary centrifugal cooling airflow for ACS 800 drive modules

FUNCTION 1

Listed by ABB as the G2E140-PI32-10 long-life centrifugal fan

FUNCTION 2

Identified by ABB code 10032971

FUNCTION 3

Uses a 115 V AC, 60 Hz supply designation

FUNCTION 4

Supports auxiliary airflow duty for documented R7i/R8i drive modules

Matched system components

- Compatible ACS 800 R7i/R8i drive module
- 115 V AC auxiliary supply
- Drive-cabinet fan mounting position
- Approved ACS 800 cabinet cooling arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Compatible ACS 800 R7i/R8i drive module
Companion hardware	115 V AC auxiliary supply
Field connection	Drive-cabinet fan mounting position
Primary system function	Listed by ABB as the G2E140-PI32-10 long-life centrifugal fan
Controlled acceptance duty	ACS 800 R7i/R8i cabinet cooling

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Applications and Engineering Context

ACS 800 R7i/R8i cabinet cooling

Listed by ABB as the G2E140-PI32-10 long-life centrifugal fan

Drive-module airflow service

Identified by ABB code 10032971

Auxiliary fan replacement

Uses a 115 V AC, 60 Hz supply designation

Controlled thermal-maintenance verification

Supports auxiliary airflow duty for documented R7i/R8i drive modules

TECHNICAL NOTE

Confirm the complete G2E140-PI32-10 marking and ABB code 10032971, isolate the fan supply, verify the R7i/R8i mounting position and check airflow direction before returning the drive cabinet to service.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	G2E140-PI32-10 / G2E140-PI32-10 recorded
Physical interface	Compatible ACS 800 R7i/R8i drive module
Companion check	115 V AC auxiliary supply
Functional proof	Listed by ABB as the G2E140-PI32-10 long-life centrifugal fan
Application test	ACS 800 R7i/R8i cabinet cooling

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Engineering Precautions

- 1 Verify the complete G2E140-PI32-10 marking and its assigned ABB Drives auxiliary cooling position before work.
- 2 Place the connected acs 800 r7i/r8i cabinet cooling process in the approved maintenance state.
- 3 Isolate applicable power and auxiliary centrifugal cooling airflow for acs 800 drive modules field energy before disconnecting conductors.
- 4 Record connector, conductor, address, firmware and software identities before removal.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
GE IC752SPL013	Related industrial automation product	View GE IC752SPL013 page
Emerson KJ2005X1-SQ1-12P6383 X022	Related industrial automation product	View Emerson KJ2005X1-SQ1-12P6383X022 page
Bently Nevada 3500-05-01-01-01-00-01	Related industrial automation product	View Bently Nevada 3500-05-01-01-01-00-01 page
Bently Nevada 330180-X1-00-MOD-1450 04-09	Related industrial automation product	View Bently Nevada 330180-X1-00-MOD-145004-09 page
Siemens A5E00296878	Related industrial automation product	View Siemens A5E00296878 page
Siemens A5E34612879	Related industrial automation product	View Siemens A5E34612879 page
Siemens A5E00825002	Related industrial automation product	View Siemens A5E00825002 page
Siemens A5E00755411	Related industrial automation product	View Siemens A5E00755411 page

MANUFACTURER SOURCE RECORD

ABB long-life fans technical note and ACS 800 MultiDrive module installation manual

3AUA0000216096 Rev. F; ACS800_604LC

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