

ABB DRIVES

Product Data Sheet

3BHE004468R0021 GDC780BE21

industrial control board

FUNCTION industrial control board	FAMILY ABB Drives	ORIGIN Switzerland	WEIGHT 0.34 kg
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ABB Drives 3BHE004468R0021 GDC780BE21 is a industrial control board for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Power Supply	+24V DC
Main Processor	32/64-bit RISC processor
SDRAM	128-512 MB DDR2/DDR3
Operating Temperature	0°C to +55°C (32°F to 131°F)
Storage Temperature	-40°C to +85°C (-40°F to 185°F)
Relative Humidity	5% to 95% (non-condensing)
Exact Article Code	3BHE004468R0021 GDC780BE21
Board Designation	GDC780BE21
Product Family	ABB Drives
Component Type	Industrial Control Board

ADDITIONAL PRODUCT DATA

Assembly Class	ABB PCB assembly
System Interface	ABB Drives control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

OFFICIAL APPLICATIONS

- Operate the documented industrial control board: Use 3BHE004468R0021 GDC780BE21 only in the ABB Drives equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHE004468R0021 GDC780BE21. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE004468R0021 GDC780BE21, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHE004468R0021 GDC780BE21 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Drives documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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