

ABB AC 800PEC

Product Data Sheet

3BHE044249R04002 GDC806 C4002

industrial control motherboard

FUNCTION industrial control motherboard	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.20 kg
--	-------------------------	-----------------------	-------------------

ABB AC 800PEC 3BHE044249R04002 GDC806 C4002 is a industrial control motherboard for the ABB AC 800PEC. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Power Supply	24V DC
Exact Article Code	3BHE044249R04002 GDC806 C4002
Board Designation	GDC806 C4002
Product Family	ABB AC 800PEC
Component Type	Industrial Control Motherboard
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot
Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control

- Regulate distillation control with Industrial Control: In the automation chain for the columns, reboilers and reflux circuits, 3BHE044249R04002 GDC806 C4002 provides its specified system function as a industrial control motherboard. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Regulate cooling-water circulation with Industrial Control: During operation of the circulating pumps and heat exchangers, 3BHE044249R04002 GDC806 C4002 operates in its approved product-family role as a industrial control motherboard. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.
- Sequence raw-water pumping with Industrial Control: As part of the intake pumps and wet wells, 3BHE044249R04002 GDC806 C4002 performs its assigned control role as a industrial control motherboard. During peak-flow demand, the system uses this function to coordinate pump duty and level response, helping it maintain hydraulic continuity.

Match 3BHE044249R04002 GDC806 C4002 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM