

ABB AC 800PEC

# Product Data Sheet

**3BHE028761R0102 GDC806A102**

industrial control board

|                                      |                         |                       |                   |
|--------------------------------------|-------------------------|-----------------------|-------------------|
| FUNCTION<br>industrial control board | FAMILY<br>ABB AC 800PEC | ORIGIN<br>Switzerland | WEIGHT<br>0.16 kg |
|--------------------------------------|-------------------------|-----------------------|-------------------|

ABB AC 800PEC 3BHE028761R0102 GDC806A102 is a industrial control board for the ABB AC 800PEC. The values below are limited to the exact documented article.

01

## VERIFIED TECHNICAL DATA

|                     |                                 |
|---------------------|---------------------------------|
| Exact Article Code  | 3BHE028761R0102 GDC806A102      |
| Board Designation   | GDC806A102                      |
| Product Family      | ABB AC 800PEC                   |
| Component Type      | Industrial Control Board        |
| 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       |
| Commissioning Check | Power-up diagnostics and function test |

- Supervise ingredient dosing with Industrial Control: As part of the batch vessels and dosing valves, 3BHE028761R0102 GDC806A102 supports the configured automation role as a industrial control board. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.
- Govern boiler feedwater with Industrial Control: Within the feed pumps and drum-level loops, 3BHE028761R0102 GDC806A102 supports the configured automation role as a industrial control board. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.
- Observe distillation control with Industrial Control: At the control layer of the columns, reboilers and reflux circuits, 3BHE028761R0102 GDC806A102 performs its assigned control role as a industrial control board. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.

Match 3BHE028761R0102 GDC806A102 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>

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