

ABB INDUSTRIAL CONTROL SYSTEMS

# Product Data Sheet

**1MRK000167-GBR00**

industrial control board

|                                             |                                                 |                          |                          |
|---------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|
| <b>FUNCTION</b><br>industrial control board | <b>FAMILY</b><br>ABB industrial control systems | <b>ORIGIN</b><br>Germany | <b>WEIGHT</b><br>0.54 kg |
|---------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|

ABB 1MRK000167-GBR00 is a industrial control board for the ABB industrial control systems. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                    |                                |
|--------------------|--------------------------------|
| Manufacturer       | ABB                            |
| Exact Article Code | 1MRK000167-GBR00               |
| Product Family     | ABB industrial control systems |
| Component Type     | Industrial Control Board       |
| System Class       | DCS System                     |
| Mounting Format    | Plug-in control rack           |
| System Interface   | Manufacturer backplane bus     |
| Control Supply     | 24 V DC control class          |
| Channel Capacity   | Model-defined channel set      |
| Signal Standard    | System-specific I/O levels     |

## ADDITIONAL PRODUCT DATA

|                       |                                    |
|-----------------------|------------------------------------|
| Electrical Isolation  | Isolated field circuits            |
| Operating Temperature | -40°C to +70°C                     |
| Protection Level      | IP20 installed equipment           |
| Configuration Tool    | Manufacturer engineering software  |
| Commissioning Test    | I/O and diagnostic functional test |

## OFFICIAL APPLICATIONS

- Operate the documented industrial control board: Use 1MRK000167-GBR00 in the specified ABB industrial control systems position with the documented supply, signal range and system interface. Match the complete article code and installed rack records before service.
- Restore every documented connection: Record terminal numbers, connector keying, rack position, shields and protective earth for 1MRK000167-GBR00. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 1MRK000167-GBR00, check power and module diagnostics, then test the affected I/O, communication, controller or measurement function at a safe operating point and record acceptance.

## SYSTEM COMPATIBILITY

Match 1MRK000167-GBR00 to the installed ABB industrial control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

[ABB ABB industrial control systems manufacturer documentation](https://new.abb.com/control-systems)

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

AMIKON PRODUCT SUPPORT

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