

ABB INDUSTRIAL CONTROL SYSTEMS

# Product Data Sheet

**086385-001**

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>0.08 kg |
|---------------------------------------------|-------------------------------------------------|--------------------------|--------------------------|

ABB 086385-001 is a industrial control board for the ABB industrial control systems. The values below are limited to the exact documented article.

01

## VERIFIED TECHNICAL DATA

|                    |                                |
|--------------------|--------------------------------|
| Manufacturer       | ABB                            |
| Exact Article Code | 086385-001                     |
| 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 | 0 to +55 °C cabinet range          |
| 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 086385-001 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 086385-001. Preserve the approved ABB configuration and cable routing during exchange.
- Validate the restored control function: After fitting 086385-001, 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 086385-001 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>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM